NATIONAL CENTER FOR EDUCATION STATISTICS NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

National Assessment of Educational Progress (NAEP) 2019 and 2020

Long-Term Trend (LTT) 2020 Update 2

Appendix K3 NAEP 2019 School Questionnaires

OMB# 1850-0928 v.16



October 2018
No changes since v.11

Appendix F provides the library of possible items to be used in the NAEP 2019 and 2020 questionnaires. This appendix (Appendix K3) includes the final version of the NAEP 2019 School questionnaires, as well as a summary of any minor, non-substantive, wording changes made as a result of pilot and cognitive interview results and final reviews.

The confidentiality citation has been updated in September 2018 and is consistent with that provided in Part A.

Abbreviation Key
NIES: National Indian Education Study

The items presented in this appendix are those to be used in the digitally based assessments. Some of the questionnaires will also be administered in paper based assessments. Adaptations to the item-level directions may be made, as appropriate (for example, "select one answer choice on each row" in DBA would become "fill in one oval on each line" in PBA).

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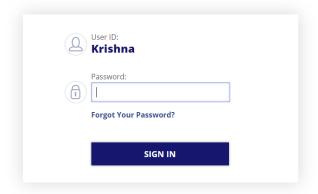
School Questionnaires

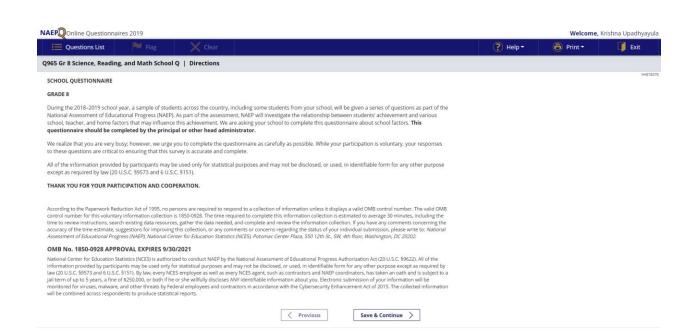
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Appendix K-3a: Summary of Changes Operational Grade 4 Core

2019	Operational Grade 4 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
VIIT122	6. 1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	NC	N/A
1. What is your sex?	1. What is your sex?		'
Male	Male		
⑤ Female	① Female		
(2018 Grade 4)	Issue: Gender		
VILLENCE 2. What grades are taught in your school? Select all squares that apply.		NC	N/A
	2. What grades are taught in your school? Select all squares that apply.		
Pre-kindergarten Kindergarten	Pre-kindergarten		
	® Kindergarten		
© 1st grade	© 1st grade		
© 2nd grade	① 2nd grade		
© 3rd grade 4th grade	© 3rd grade		
© 5th grade	① 4th grade		
	© 5th grade		
♠ 6th gradeФ 7th grade	⊕ 6th grade		
Sth grade	① 7th grade		
⊕ 9th grade	② 8th grade		
© 10th grade	© 9th grade		
Ith grade Ith grade	© 10th grade		
® 12th grade	11th grade		
- init Bank	11th grade		
(2018 Grade 4)	Issue: School Climate		
VE249381	VHR	R	The "Other
Can your school be described by any of the following? Select all squares that apply.	Can your school be described by any of the following? Select all squares that apply.		(Please
Elementary school			•
Middle or junior high school	Middle or junior high school		specify)"
© Secondary school	© Secondary school		response
Regular school with a magnet program	Regular school with a magnet program		option was
 A magnet school or a school with a special program emphasis, e.g., science/mathematics school, performing arts school, talented/gifted school, foreign language immersion school 	A magnet school or a school with a special program emphasis, e.g., science/mathematics		·
 Special education school: primarily serves students with disabilities 	school, performing arts school, talented/gifted school, foreign language immersion school		removed. This
 Alternative school: offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special, or vocational education 	Special education school: primarily serves students with disabilities		response
Private independent school	Alternative school: offers a curriculum designed to provide alternative or nontraditional		option is only
Private religiously affiliated school			
① Independent charter school	education, not clearly categorized as regular, special, or vocational education		used in pilot
Charter school administered by local school district	Private independent school		administratio
Other (Please specify):	Private religiously affiliated school		ns.
	Independent charter school		
(2010 C - 1- 1)	Charter school administered by local school district		
(2018 Grade 4)	Issue: School Climate		

Previous item	2019 item		D/A/ R/NC+	Rationale
4. Please identify the organization(s) listed below to which your school is most closely affiliated. Select all squares that apply. American Association of Christian Schools Association of Christian Schools International Christian Schools International National Association of Episcopal Schools National Association of Independent Schools National Catholic Educational Association National Society of Hebrew Day Schools The Association of Boarding Schools Other (Please specify):	4. Please identify the organization(s) listed below to which your school is most closely affiliated. Select all squares that apply. American Association of Christian Schools Association of Christian Schools International Christian Schools International National Association of Episcopal Schools National Association of Independent Schools National Catholic Educational Association National Society of Hebrew Day Schools The Association of Boarding Schools Not affiliated with any organization	VH860791	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administratio
(2018 Grade 4)	Issue: School Climate			ns.
5. What is the current enrollment in your school?	5. What is the current enrollment in your school?	VH253912	NC	N/A
(2018 Grade 4)	Issue: School Climate	ter di America		
6. Approximately what percentage of fourth-graders in your school is new this year? [2018 Grade 4]	7. Approximately what percentage of fourth-graders in your school is new this year?	VH253923	NC	N/A
(2018 Grade 4)		VH240213	NC	N/A
 7. About what percentage of this year's fourth-graders was held back and is repeating fourth grade? © 0% © 1-2% © 3-5% © 6-10% © More than 10% 	 8. About what percentage of this year's fourth-graders was held back and is repeating fourth grade? 0% 1-2% 3-5% 6-10% More than 10% 		INC	N/A
(2018 Grade 4)	Issue: School Climate			

2019 Operational Grade 4 Core School								
Previous item	2019 item		D/A/ R/NC+	Rationale				
	124/008	VH240208	NC	N/A				
Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	6. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?		140	1477				
© 0%	◎ 0%							
® 1–5%	© 1–5%							
© 6-10%	© 6-10%							
© 11-25%	© 11-25%							
© 26–50%	© 26–50%							
© 51-75%	© 51-75%							
© 76–90%	© 76–90%							
© Over 90%	© Over 90%							
(2018 Grade 4)								
	Issue: School Climate							
	(14009)	VH240209	NC	N/A				
Last school year, approximately what percentage of students at your school enrolled after the first day of school?	Last school year, approximately what percentage of students at your school enrolled after the first day of school?		140	11//				
◎ 0%	● 0%							
⊕ 1–3%	® 1–3%							
© 4-6%	© 4-6%							
© 7-10%	© 7–10%							
© 11-20%	© 11-20%							
① Over 20%	© Over 20%							
(2018 Grade 4)	Jacobs Calabad Climata							
•	Issue: School Climate	VH240210						
10. Last school year, approximately what percentage of students at your school left before the end of the school year?	 Last school year, approximately what percentage of students at your school left before the end of the school year? 	711240210	NC	N/A				
◆ 0%	© 0%							
1-3%	© 1-3%							
© 4-6%	© 4-6%							
© 7-10%	© 7-10%							
© 11-20%	© 11–20%							
© Over 20%	① 11-20% ① Over 20%							
(2018 Grade 4)	Issue: School Climate							

2019 O	perational Grade 4 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
11. About what percentage of your students is absent on an average day? (Include excused and unexcused absences in calculating this rate.) © 0-2% © 3-5% © 6-10% © More than 10% (2018 Grade 4)	N/A	D	Due to content overlap with student questionnaire content and to keep school administrator burden low, this item was
VIC#012	VH240212	110	dropped.
 About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.) 0-2% 	 About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.) 0-2% 	NC	N/A
© 3-5%	© 3–5%		
© 6-10%	© 6–10%		
© More than 10%	© More than 10%		
(2018 Grade 4)	Issue: School Climate		
13. Does your school participate in the National School Lunch Program? © Yes © No	12. Does your school participate in the National School Lunch Program? ③ Yes ⑤ No	NC	N/A
(2018 Grade 4)	Issue: Socioeconomic Status		
14. How does the school operate the program?	13. How does the school operate the program?	NC	N/A
 Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. All students in school receive free lunch under special provisions (e.g., Provision 2 or 3). 	Student eligibility is determined individually, and eligible students receive free or reduced-price lunch.		
	All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).		
(2018 Grade 4)	Issue: Socioeconomic Status		

2019 C	perational Grade 4 Core School			
Previous item	2019 item		D/A/ R/NC+	Rationale
15. If your school distributes free lunch to all students under Provision 2 or 3, what was the base year during which individual student eligibility was collected? ① This school does not distribute free lunch to all students under Provision 2 or 3—eligibility is determined annually. ② 2017 ② 2016 ② 2015 ② 2014 ② 2013 ② 2012 or earlier	N/A		D	Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement, this item was dropped.
16. During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program? ① 0% ① 1-5% ② 6-10% ② 11-25% ② 26-34% ② 35-50% ③ 51-75% ④ 76-99% ① 100% (2018 Grade 4)	14. During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program? ② 0% ③ 1-5% ⑤ 6-10% ⑤ 11-25% ⑤ 26-34% ⑥ 35-50% ⑥ 51-75% ⑥ 76-99% ⑤ 100% Issue: Socioeconomic Status	VH240218	NC	N/A
17. Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.) © No © Yes, our school receives funds, which are targeted to eligible students. © Yes, our school receives funds, which are used for schoolwide purposes. (2018 Grade 4)	15. Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.) ⑤ No ⑤ Yes, our school receives funds, which are targeted to eligible students. ⑥ Yes, our school receives funds, which are used for schoolwide purposes. Issue: Socioeconomic Status	VH240219	NC	N/A

revious iter										2019 item										D/A/ R/NC+	Rationale
18. Approximately what percentage of students in your school receives the following services? Select one circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.									one circle in ea service they red	16. Approximately what percentage of students in your school receives the following services? Select one circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.									R	Due to a lack of response variability and	
	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%			None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over			to keep
a. Targeted Title I services	69	CD.	0	9	99	0	9	69	VIRALIST	a. Targeted Title	Ø	00	0	0	Φ	(B)	0	Ø	VH24 931		school
talented program	0	0	0	9	6	Ð	ø	@	VIRZANIZA	I services b. Gifted and talented	8	0	0	0	Φ	®	6	®	VH24 923		administrato
Instruction provided in student's home language (non-English)	Φ	(1)	0	9	θ	Ф	@	0	VH241923	program c. English-as-a- second-language (not in a bilingual	Ø	Ф	0	0	Φ	Ð	6	•	VH241924		burden low sub-item c. was dropped.
 English-as-a- second-language (not in a bilingual 	60	OD:	0	9	90	9	9	69	SHILLINGA	education program) d. Special education	8	00	9	Φ	Ф	Œ	©	•	VH241925		
education program)										5333333							-				
e. Special education	0	0	9	0	Θ	Θ	9	0	VHZa1925												

volunteers, including parents, working in the school? © 1 -5 © 6-10 © 11-15 © 16-25 © More than 25 2018 Grade 4) Issue: School Climate Section S								2019 item									Rationale
20. Approximately what percentage of students in your school have patents or guardians who do each of the following activities? Selections circle in each row. Not	 ◆ 0 ◆ 1-5 ◆ 6-10 ◆ 11-15 ◆ 16-25 								volunteers, including par 0 0 1-5 6-10 11-15 16-25 More than 25	NC	N/A						
Volunteer regularly to help in the classroom of the conferences. For all teacher counts entered in this term: INCLUDE these types of teachers: Regular Special erea or resource teachers (e.g., special education. Tale L art. music. physical education. Tale L	0. Approximately what I who do each of the following	percentage of s llowing activit	tudents in you ies? Select on	ur school have le circle in eac	e parents or gu :h row.	ıardians	T g	18. Approximately what p who do each of the fol	ercentage of s lowing activit	tudents in yo ies? Select on	ur school have e circle in eac	parents or g	uardians	VH241938	NC	N/A	
Do NOT INCLUDE: Student teachers Student teac	. Volunteer regularly to	Not applicable	0-10%	11-25%	26–50%	Over 50%		2			0-10%	11-25%	26-50%	Over 50%			
Issue: School Climate Issu	or another part of the school o. Attend teacher-parent					100	100000	1	or another part of the school								
 Regular Special area or resource teachers (e.g., special education. Title l, art. music. physical education) Long-term substitute teachers Itinerant teachers who teach part time at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school Student teachers Student teachers Teachers who teach ONLY pre-kindergarten or adult education Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? If none, mark (0) in the boxes. Full-time teachers Part-time Part-time teachers Part-time teachers Part-time teachers Part-time teachers Part-time 									For all teacher counts entered in this item:								N/A
 Itinerant teachers who teach part time at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school DO NOT INCLUDE: Short term substitute teachers Teachers who teach ONLY pre-kindergarten or adult education DO NOT INCLUDE: Student teachers Teachers who teach ONLY pre-kindergarten or adult education Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? If none, mark (0) in the boxes. Full-time Full-time teachers Part-time Full-time teachers Itinerant teacher who teach part-time at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school Production of the items of this section if they also have a part-time teaching assignment at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school	Regular Special area o	r resource leac ation)	hers (e.g., spec	ial education.	Title I, art. m	usic.		 Regular Special area or resource teachers (e.g., special education, Title I, art, music, physical education) 									
 Student teachers Short-term substitute teachers Teachers who teach ONLY pre-kindergarten or edult education Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? If none, mark (0) in the boxes. Full-time Part-time Part-time DO NOT INCLUDE: Student teachers Student teachers Short-term substitute teachers Teachers who teach ONLY pre-kindergarten or adult education Teachers who teach ONLY pre-kindergarten or adult education Teachers who teach ONLY pre-kindergarten or adult education Teachers who teach ONLY pre-kindergarten or adult education Teachers who teach ONLY pre-kindergarten or adult education Teachers who teach ONLY pre-kindergarten or adult education<td></td><td></td><td>part time at t</td><td></td><td>also have a pa</td><td>rt-time</td><td></td><td colspan="8">INCLUDE these types of teachers: Itinerant teachers who teach part-time at this school Employees reported in other items of this section if they also have a part-time</td><td></td><td></td>			part time at t		also have a pa	rt-time		INCLUDE these types of teachers: Itinerant teachers who teach part-time at this school Employees reported in other items of this section if they also have a part-time									
21. Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? If none; mark (0) in the boxes. a. Full-time Full-time teachers b. Part-time Part-time teachers b. Part-time Part-time teachers b. Part-time Part-time teachers b. Part-time	Long-term sul INGLUDE these ty Itinerant teac Employees rep	ported in other						DO NOT INCLUDE: • Student teachers • Short-term substitute teachers									
b. Part-time Full-time teachers Part-time teachers b. Part-time	Long-term sul INCLUDE these ty Itinetent teac Employees replaching assig DO NOT INCLUE Student teach Short-term su	ported in other enment at this s DE: ners bstitute teache	school as	n or adult edu	cation				Student teachersShort-term substit		in dang auton	or adult advas	tion				
	Long-term substitute the sets of the sets	ported in other enment at this s DE: hers bstitute teache teach ONLY pu October, how t	ers ers re-kindergarte many TEACHI	IERS held full-t	time or part-tin	me		1	Student teachers Short-term substit Teachers who teac	h ONLY pre-l	y TEACHER	S held full-tim	e or part-tim	e			
	Long term sub INGLUDE these by Itinetent teac. Employees repteaching assign DO NOT INCLUE Student teach Short-term su Teachers who La Around the first of positions or assigns a. Full-time Full-	ported in other nament at this so DE: ners bstitute teache teach ONLY pr October, how to ments in this so	ers ers re-kindergarte many TEACHI	IERS held full-t	time or part-tin	me		1	Student teachers Short-term substit Teachers who teac Around the first of Octopositions or assignment a. Full-time	h ONLY pre-k ober, how man is in this scho	y TEACHER	S held full-tim	e or part-tim	c			

						201	19 O	perational Grade 4 Core School							
Previous item								2019 item	D/A/ R/NC+	Rationale					
22. Does your school, district, or diocese offer tenure to teachers? © Yes © No (2018 Grade 4)								20. Does your school, district, or diocese offer tenure to teachers? ① Yes ① No Issue: School Climate	VIESTADII NC	N/A					
23. Of the following ex the end of the last this school year? S	school year.	what percer	ntage stayed	ime teacher on as full-ti	s at your sch me teachers	ool at for	vstinon	N/A	D	Due to the substantial					
a. Non-tenured teachers who had taught for at least one year	0–10%	11-25%	26-50% ©	51-75% ©	76-90%	Over 90%	VH241943			time burden associated with					
(2018 Grade 4	.)					VIE	254012			completing this item and a lack of a clear relationship to achievement, this item was dropped.					
24. In the last school ye	ear, how man	y full-time to	eachers were	new to your	school?			N/A	D	Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement,					
(2018 Grade 4	.)									this item was dropped.					

201	19 Operational Grade 4 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
25. Of the full-time teachers who were new to your school last year, what percentage stayed on as full-time teachers for this school year? © 0–10% © 11–25% © 26–50% © 51–75% © 76–90% © Over 90% (2018 Grade 4)	N/A	D	Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement, this item was dropped.
26. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire) Other digital devices (Please specify):	21. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire) Issue: Technology Use	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administratio
(2018 Grade 4)	issue. recimology ose		ns.

Previous item	2019 item	D/	A/ NC+	Rationale
27. What is the average age of the desktop computers in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know.	22. What is the average age of the desktop computers in your school? ① Up to 2 years old ① More than 2 years but less than 4 years old ② More than 4 years but less than 6 years old ② 6 years old or more ① I don't know. Issue: Technology Use	VIESTII6 NC		N/A
28. In your school, where are desktop computers available for students to work? Select all squares that apply. © In some classrooms © In all classrooms © In a media center © In a computer lab © In the school library © Other (Please specify): (2018 Grade 4)		R		The "Other (Please specify)" response option was removed. This response option is only used in pilot administratio
29. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	Issue: Technology Use 24. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	NC	·	ns. N/A
(2018 Grade 4)	Issue: Technology Use	VH587129 NC	•	N/A
 30. What is the average age of the laptop computers (including Chromebooks) in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know. 	 25. What is the average age of the laptop computers (including Chromebooks) in your school? ② Up to 2 years old ③ More than 2 years but less than 4 years old ② More than 4 years but less than 6 years old ③ 6 years old or more ① I don't know. 		•	
(2018 Grade 4)	Issue: Technology Use			

Previous item	2019 item	D/A/ R/NC+	Rationale
31. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ⑤ In a computer lab ⑤ In the school library ⑥ On mobile carts ③ Other (Please specify):	26. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ③ In a computer lab ① In the school library ① On mobile carts	•	The "Other (Please specify)" response option was removed. This response option is only used in pilot administrations.
<u> </u>	Issue: Technology Use	NC	N/A
32. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.	27. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.	INC	IN/A
(2018 Grade 4)	Issue: Technology Use		
33. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school?	28. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school?	NC	N/A
◆ Up to 2 years old	Dp to 2 years old		
More than 2 years but less than 4 years old	More than 2 years but less than 4 years old		
More than 4 years but less than 6 years old	More than 4 years but less than 6 years old		
6 years old or more	6 years old or more		
© I don't know.	© I don't know.		
(2018 Grade 4)	Issue: Technology Use		
34. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select all squares that apply.	29. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select all squares that apply.	R	The "Other (Please
	① In some classrooms		specify)"
⑤ In all classrooms	In all classrooms		1 ' ' '
© In a media center	© In a media center		response
◎ In a computer lab	In a computer lab		option was
In the school library	In the school library		removed. This
① On mobile carts	① On mobile carts		
© Other (Please specify):			response option is only
(2019 Crade 4)			used in pilot
(2018 Grade 4)	Issue: Technology Use		asca in pilot

Previous item					2019 item	D/A/ R/NC+	Rationale			
										administrations.
35. In your school, is there a wireless Internet connection that students can use for schoolwork? ② Yes, everywhere or almost everywhere in the school. ③ Yes, in some areas of the school.				n use for	VH	517371	30. In your school, is there a wireless Internet connection that students can use for schoolwork? ① Yes, everywhere or almost everywhere in the school. ① Yes, in some areas of the school. ② No	NC	N/A	
2018 Grade 4)							Issue: Technology Use		
 36. This school year, di and tablets used in Tes, we are part Yes, we have tes No 	this school? tnering with	a provider out	side the sch		r computers			N/A	D	Due to a lack of a clear relationship to achievement and low response variability,
2018 Grade 4))									this item was dropped.
2018 Grade 4	•	About once or twice a	About once or twice a	About once or twice a	Every day or almost	Several times a	VIENAR	N/A	D	
37. How often do teach a. Teach jointly as a team in the same	hers do the	About once or	About once or	About once or	Every day	Several	VIEDLANI VIIA 1440	N/A	D	dropped. Due to a lack of a clear
37. How often do teac	hers do the	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	Several times a day		N/A	D	dropped. Due to a lack of a clear relationship to achievement and low
Teach jointly as a team in the same class Observe other teachers' classes and provide	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	Several times a day	V25A3 [440]	N/A	D	dropped. Due to a lack of a clear relationship to achievemen

Appendix K-3b: Operational Grade 4 Core

1.	What	10	770111	0037
1.	vviiat	13	your	SUA:

- Male
- Female

VH240382

2. What grades are taught in your school? Select all squares that apply.

- Pre-kindergarten
- ® Kindergarten
- O 1st grade
- ② 2nd grade
- © 3rd grade
- ① 4th grade
- © 5th grade
- (19) 6th grade
- ① 7th grade
- ① 8th grade
- © 9th grade
- ① 10th grade
- □ 11th grade
- 12th grade

- 3. Can your school be described by any of the following? Select all squares that apply.
 - Elementary school
 - Middle or junior high school
 - Secondary school
 - Regular school with a magnet program
 - © A magnet school or a school with a special program emphasis, e.g., science/mathematics school, performing arts school, talented/gifted school, foreign language immersion school
 - © Special education school: primarily serves students with disabilities
 - © Alternative school: offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special, or vocational education
 - Private independent school
 - Private religiously affiliated school
 - Independent charter school
 - © Charter school administered by local school district

VH860791

- **4.** Please identify the organization(s) listed below to which your school is most closely affiliated. Select **all** squares that apply.
 - American Association of Christian Schools
 - Association of Christian Schools International
 - © Christian Schools International
 - National Association of Episcopal Schools
 - © National Association of Independent Schools
 - © National Catholic Educational Association
 - © National Society of Hebrew Day Schools
 - The Association of Boarding Schools
 - Not affiliated with any organization

VH	125	30	10

		VH253912
5.	What is the current enrollment in your school?	
6.	Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	VH240208
	1 1–5%	
	© 6–10%	
	© 11–25%	
	© 26-50%	
	© 51–75%	
	© 76–90%	
	① Over 90%	
		VH253923
7.	Approximately what percentage of fourth-graders in your school is new this year?	
		VH240213
8.	About what percentage of this year's fourth-graders was held back and is repeating fourth grade?	
	1 0%	
	® 1-2%	
	© 3–5%	
	© 6-10%	
	© More than 10%	

		VH240209
9.	Last school year, approximately what percentage of students at your school enrolled after the first day of school?	
	A 0%	
	® 1–3%	
	© 4–6%	
	© 7-10%	
	© 11-20%	
	© Over 20%	
		VH240210
10.	Last school year, approximately what percentage of students at your school left before the end of the school year?	
	® 1-3%	
	© 4–6%	
	© 7–10%	
	© 11–20%	
	© Over 20%	
		VH240212
11.	About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.)	

- ® 3-5%
- © 6-10%
- © More than 10%

VI	12/	02	15

			VH240215
12.	Do	es your school participate in the National School Lunch Program?	
	(A)	Yes	
	®	No	
			VH240216
13.		w does the school operate the program?	
	(A)	Student eligibility is determined individually, and eligible students receive free or reduced-price lunch.	
	®	All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).	
			VH240218
14.	eli	ring this school year, about what percentage of students in your school was gible to receive a free or reduced-price lunch through the National School Lunch ogram?	
		0%	
	®	1–5%	
	0	6–10%	
	(11–25%	
	(E)	26–34%	
	(Ē)	35–50%	
	©	51–75%	
	\oplus	76–99%	
	\bigcirc	100%	

- **15.** Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)
 - A No
 - Tes, our school receives funds, which are targeted to eligible students.
 - © Yes, our school receives funds, which are used for schoolwide purposes.

16. Approximately what percentage of students in your school receives the following services? Select **one** circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.

		None	1–5%	6–10%	11–25%	26–50%	51–75%	76–90%	Over 90%	
a.	Targeted Title I services	(4)	®	0	0	Œ	Ð	0	Θ	VH241931
b.	Gifted and talented program	(4)	B	0	0	Œ	(F)	6	Ð	VH241922
c.	English-as-a- second-language (not in a bilingual education program)	(4)	®	0	Θ	(£)	©	0	Θ	VH241924
d.	Special education	A	®	0	0	Ē	Ē	©	\oplus	VH241925

VH240220

- 17. During a typical week of school, what is the total number of regularly scheduled volunteers, including parents, working in the school?
 - \bigcirc 0
 - ® 1-5
 - © 6-10
 - ① 11-15
 - © 16-25
 - ① More than 25

18. Approximately what percentage of students in your school have parents or guardians who do each of the following activities? Select **one** circle in each row.

	Not applicable	0–10%	11–25%	26–50%	Over 50%	
a. Volunteer regularly to help in the classroom or another part of the school	®	®	0	0	©.	VH241940
b. Attend teacher–parent conferences	(A)	®	0	0	Œ	VH241939

VH253959

For all teacher counts entered in this item:

INCLUDE these types of teachers:

- Regular
- Special area or resource teachers (e.g., special education, Title I, art, music, physical education)
- Long-term substitute teachers

INCLUDE these types of teachers:

- Itinerant teachers who teach part-time at this school
- Employees reported in other items of this section if they also have a part-time teaching assignment at this school

DO NOT INCLUDE:

- Student teachers
- Short-term substitute teachers
- Teachers who teach ONLY pre-kindergarten or adult education
- **19.** Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? *If none, mark (0) in the boxes.*

a. Full-time	
	Full-time teachers
b. Part-time	
	Part-time teachers

			VH547401
20.	Do	es your school, district, or diocese offer tenure to teachers?	
	(A)	Yes	
	®	No	
	(b)	No	
			VH860698
21.		this school year, which of the following types of computers or other digital vices are available in your school for student use? Select all squares that apply.	
	(A)	Desktop computers	
	®	Laptop computers (including Chromebooks)	
	0	Tablets (for example, Surface Pro, iPad, Kindle Fire)	

22	1 7.71	nat is the average age of the desktop computers in your school?	VH587116
		Up to 2 years old	
	®	More than 2 years but less than 4 years old	
		More than 4 years but less than 6 years old	
		6 years old or more	
		I don't know.	

23.		your school, where are desktop computers available for students to work? Select squares that apply.	
	\bigcirc	In some classrooms	
	$^{ ext{ $	In all classrooms	
	0	In a media center	
	0	In a computer lab	
	(E)	In the school library	
24.		nat is the total number of laptop computers (including Chromebooks) available students in your school? Enter the number of laptop computers.	VH587118
25.		nat is the average age of the laptop computers (including Chromebooks) in your nool?	
	(A)	Up to 2 years old	
	lacktriangle	More than 2 years but less than 4 years old	
	0	More than 4 years but less than 6 years old	
	0	6 years old or more	
	(E)	I don't know.	

26.		your school, where are laptop computers (including Chromebooks) available for dents to work? Select all squares that apply.	
	\bigcirc	In some classrooms	
	$^{\otimes}$	In all classrooms	
	0	In a media center	
	0	In a computer lab	
	Œ	In the school library	
	Ð	On mobile carts	
			VH311502
27.		nat is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) illable for students in your school? Enter the number of tablets.	
	П		
	Ш		
			VH587138
28.		nat is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) your school?	
	\bigcirc	Up to 2 years old	
	®	More than 2 years but less than 4 years old	
	0	More than 4 years but less than 6 years old	
	0	6 years old or more	
	Œ	I don't know.	

- **29.** In your school, where are **tablets** (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select **all** squares that apply.
 - In some classrooms
 - In all classrooms
 - © In a media center
 - In a computer lab
 - © In the school library
 - ① On mobile carts

VH617371

- **30.** In your school, is there a wireless Internet connection that students can use for schoolwork?
 - Yes, everywhere or almost everywhere in the school.
 - ® Yes, in some areas of the school.
 - © No

Appendix K-3c: Summary of Changes Pilot Grade 4 Core

Previous item	2019 item	D/A/ R/NC+	Rationale
N/A	VIII125	Α	This item was
	1. What is your sex?		added to
	◆ Male		provide
	® Female		additional
	Issue: Gender		information.
VH24082	VID4082	NC	
1. What grades are taught in your school? Select all squares that apply.	2. What grades are taught in your school? Select all squares that apply.	NC	N/A
Pre-kindergarten	Pre-kindergarten		
® Kindergarten	® Kindergarten		
© 1st grade	© 1st grade		
① 2nd grade	② 2nd grade		
① 3rd grade	② 3rd grade		
① 4th grade	⊕ 4th grade		
© 5th grade	© 5th grade		
6th grade	(b) 6th grade		
① 7th grade			
① 8th grade	① 7th grade		
© 9th grade	© 8th grade		
① 10th grade	◎ 9th grade		
11th grade	① 10th grade		
12th grade	® 11th grade		
(2017 Crade 4)	® 12th grade		
(2017 Grade 4)	Issue: School Climate		
VE2035	VII20083	NC	N/A
2. Can your school be described by any of the following? Select all squares that apply.	3. Can your school be described by any of the following? Select all squares that apply.		,
Elementary school	Elementary school		
Middle or junior high school	Middle or junior high school		
© Secondary school © Regular school with a magnet program	© Secondary school		
	Regular school with a magnet program		
A magnet school or a school with a special program emphasis, e.g., science/mathematics school, performing arts school, talented/gifted school, foreign language immersion school	© A magnet school or a school with a special program emphasis, e.g., science/mathematics		
 Special education school: primarily serves students with disabilities 	school, performing arts school, talented/gifted school, foreign language immersion school		
 Alternative school: offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special, or vocational education 	© Special education school: primarily serves students with disabilities		
Private independent school	© Alternative school: offers a curriculum designed to provide alternative or nontraditional		
Private religiously affiliated school	education, not clearly categorized as regular, special, or vocational education		
① Independent charter school	Private independent school		
© Charter school administered by local school district	Private religiously affiliated school		
Other (Please specify):			
	① Independent charter school		
17 Grade 4)	Charter school administered by local school district		
(2017 Grade 4)	Other (Please specify):		
	Issue: School Climate		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

2019 Pilot Grade 4 Core School **Previous item** 2019 item D/A/ Rationale R/NC+ R The response 4. Please identify the organization(s) listed below to which your school is most 3. Please identify the organization(s) listed below to which your school is most option "None closely affiliated. Select all squares that apply. closely affiliated. Select all squares that apply. (3) American Association of Christian Schools American Association of Christian Schools of the Above" Association of Christian Schools International Association of Christian Schools International was removed. Christian Schools International Christian Schools International National Association of Episcopal Schools National Association of Episcopal Schools ® National Association of Independent Schools D National Association of Independent Schools National Catholic Educational Association National Catholic Educational Association @ National Society of Hebrew Day Schools @ National Society of Hebrew Day Schools The Association of Boarding Schools The Association of Boarding Schools Other (Please specify): Other (Please specify): Not affiliated with any organization O None of the above **Issue: School Climate** (2017 Grade 4) NC N/A 4. What is the current enrollment in your school? 5. What is the current enrollment in your school? **Issue: School Climate** (2017 Grade 4) R The response 5. Approximately what percentage of fourth-graders in your school is new this year? 7. Approximately what percentage of fourth-graders in your school is new this year? format was **®** 0% % changed to ® 1-2% © 3-5% match other similar items 10 More than 10% in the questionnaire and reduce school administrator **Issue: School Climate** (2017 Grade 4) burden. N/A NC 6. About what percentage of this year's fourth-graders was held back and is repeating 8. About what percentage of this year's fourth-graders was held back and is repeating fourth grade? fourth grade? ® 0% @ 0% ® 1-2% ® 1-2% © 3-5% © 3-5% © 6-10% @ 6-10% More than 10% D More than 10% (2017 Grade 4) **Issue: School Climate**

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

2019 Pilot Grade 4 Core School				
Previous item	2019 item	D/A/ R/NC+	Rationale	
7. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	NC	N/A	
● 0%				
1 –5%	® 1-5%			
© 6–10%	© 6–10%			
© 11-25%	© 11-25%			
© 26–50%	© 26-50%			
© 51-75%	© 51-75%			
© 76–90%	© 76-90%			
© Over 90%	© Over 90%			
(2017 Grade 4)	Issue: School Climate			
	N/A	D	To create room in the	
② 0%				
3 1-3%			questionnaire	
© 4-6%			for new	
◎ 7–10%			development	
© 11–20%			and keep	
① Over 20%				
			school	
			administrator	
			burden low,	
			this item was	
(2017 Grade 4)				
	VH240210		dropped.	
9. Last school year, approximately what percentage of students at your school left	N/A	D	To create	
before the end of the school year?			room in the	
⊗ 0%			questionnaire	
® 1-3%			·	
© 4-6%			for new	
© 7-10%			development	
© 11-20%			and keep	
© Over 20%			school	
			administrator	
			burden low,	
			1	
(2017 Crade 4)			this item was	
(2017 Grade 4)			dropped.	

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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

20	019 Pilot Grade 4 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
10. About what percentage of your students is absent on an average day? (Include excused and unexcused absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10%	N/A	D	To create room in the questionnaire for new development and keep school administrator burden low,
(2017 Grade 4)		NC	this item was dropped.
 11. About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.) © 0-2% © 3-5% © 6-10% © More than 10% 	 9. About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10% 		
(2017 Grade 4)	Issue: School Climate		
12. Does your school participate in the National School Lunch Program? © Yes © No Questions 13–15 are not applicable and will be skipped. (2017 Grade 4)	11. Does your school participate in the National School Lunch Program? ② Yes ③ No Issue: Socioeconomic Status	NC	No content change was made but the skip pattern directions have been removed due to the transition to DBA.
13. How does the school operate the program? Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. Question 14 is not applicable and will be skipped. All students in school receive free lunch under special provisions (e.g., Provision 2 or 3). (2017 Grade 4)	12. How does the school operate the program? Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. All students in school receive free lunch under special provisions (e.g., Provision 2 or 3). Issue: Socioeconomic Status	NC	No content change was made but the skip pattern directions have been

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

D/A/ R/NC+	Rationale
	removed due to the transition to DBA.
D	To create room in the questionnaire for new development and keep school administrator burden low, this item was

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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious ite	m									2019 item										D/A/ R/NC+	Rationale
5. During this sch- eligible to recei- Program?									VH240218	13. During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?								VH240218	NC	N/A	
® 0%										® 0%											
® 1-5%										® 1-5%											
© 6-10%										© 6-10%											
© 11-25%										© 11-25%											
© 26-34%										© 26-34%											
© 35-50%										© 35-50%											
© 51-75%										© 51-75%											
⊕ 76–99%										⊕ 76–99%											
□ 100%										O 100%											
2017 Grade	4)									Issue: Socioe	cono	mic St	tatus								
16. Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.) No Yes, our school receives funds, which are targeted to eligible students. Yes, our school receives funds, which are used for schoolwide purposes.						provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.) No Yes, our school receives funds, which are targeted to eligible students. Yes, our school receives funds, which are used for schoolwide purposes. Issue: Socioeconomic Status															
Approximately one circle in easervice they re services as of t	ceive. Ple	Students v	who receive t the perce	entage of	han one se students w	rvice sho	uld be cou	nted for	each	15. Approximately what percentage of students in your school receives the following services? Select one circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.								R	Due to a lac		
	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%			None	1-5%	6–10%	11–25%	26-50%	51-75%	76-90%	Over			relationship to
a. Targeted Title I services	0	0	9	9	0	Φ	0	0	VHD41931	a. Targeted Title	00	(D)	0	•	(Ф	©	®	VH241931		achievemen
b. Gifted and talented program	(3)	GD.	θ	0	00	0	0	69	VH141922	I services b. Gifted and talented program	0	®	0	Φ	©	®	0	•	VH241922	•	and to keep
c. Instruction provided in student's home language (non-English)	0	6	9	Φ	Φ	Θ	Φ	0	VH281923	c. English-as-a- second-language (not in a bilingual education program)	0	®	0	0	0	θ	0	•	VH241924		school administrat burden low
second-language (not in a bilingual education	0	9	0	9	0	0	0	0	VH241914	d. Special education	@	®	0	Φ	©	Ф	©	•	VH241925		sub-item C was droppe
program)																				1	1

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item							2019 item							D/A/ R/NC+	Rationale
During a typical week volunteers, including p				ularly schedul	ed	VH240220	16. During a typical week of school, what is the total number of regularly scheduled volunteers, including parents, working in the school?					NC	N/A		
② 0							⊗ 0								
® 1-5							3 1-5								
© 6-10							© 6-10								
□ 11–15							© 11-15								
© 16-25							© 16-25								
More than 25							More than 25								
2017 Grade 4)							Issue: School Clir	mate							
19. Approximately what who do each of the fo	percentage of s llowing activit	students in yo ties? Select on	ur school have e circle in eac	e parents or gu h row.	ıardians	VH241938	17. Approximately what p who do each of the fol					ardians	VH241938	NC	N/A
	Not applicable	0-10%	11-25%	26-50%	Over 50%			Not applicable	0–10%	11-25%	26–50%	Over 50%			
 Volunteer regularly to help in the classroom or another part of the school 	(4)	®	0	Ф	Ф	VH241940	Volunteer regularly to help in the classroom or another part of the school	@	(8)	0	Φ	Φ	VH241940		
 Attend teacher-parent conferences 	0	®	0	•	0	VH241939	b. Attend teacher-parent conferences	®	•	0	Φ	©	VH241939		
2017 Grade 4)															
	ered in item 20):				VH253959	Issue: School Clin For all teacher counts entered		¢.				VH253959	NC	N/A
):				VH253959		ed in this item	e .				VH253959	NC	N/A
For all teacher counts ent INCLUDE these typ • Regular	es of teachers:					VH253959	For all teacher counts entere INCLUDE these types Regular	ed in this item					VH253959	NC	N/A
For all teacher counts ent	es of teachers: resource teach		al education, T	Fitle I, art, mu	sic,	VH253059	For all teacher counts entere INCLUDE these types	ed in this item of teachers: source teacher		education, Ti	tle I, art, mus.	ic,	VH253959	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or	es of teachers: resource teachersion)	ers (e.g., specia	al education, T	Fitle I, art, mu	sic,	VH253959	For all teacher counts entere INCLUDE these types Regular Special area or res	ed in this item of teachers: source teacher n)		education, Ti	tle I, art, mus.	c,	VH253959	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educat	es of teachers: resource teacherion) titute teachers	ers (e.g., specia	nl education, T	Title I, art, mu	sic,	VH253959	For all teacher counts entered INCLUDE these types Regular Special area or resphysical educatio Long-term substit	ed in this item of teachers: source teacher n) tute teachers		education, Ti	tle I, art, mus.	c,	VH253959	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educat Long-term subs INCLUDE these typ	es of teachers: resource teache tion) titute teachers es of teachers: ers who teach p	ers (e.g., specia , , , , , , , , , , , , , , , ,	nis school			VH25969	For all teacher counts entere INCLUDE these types Regular Special area or res physical educatio	ed in this item of teachers: source teacher n) tute teachers of teachers:	s (e.g., special		tle I, art, mus.	·c,	VH253959	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educar Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign	es of teachers: resource teacher ion) titute teachers es of teachers: ers who teach p tted in other it ment at this so	ers (e.g., specia e part-time at th	nis school			VH25969	For all teacher counts entered INCLUDE these types Regular Special area or resphysical educatio Long-term substit	of teachers: of teachers: source teacher n) tute teachers of teachers: who teach pe ed in other ite	s (e.g., special art-time at thi ms of this sec	s school			VH233939	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educat Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign	es of teachers: resource teachersion) titute teachers: es of teachers: ers who teach p orted in other it ment at this so	ers (e.g., specia e part-time at th	nis school			VII2:59:59	For all teacher counts entered INCLUDE these types Regular Special area or resphysical education Long-term substited INCLUDE these types Itinerant teachers Employees reported	of teachers: of teachers: source teacher n) tute teachers of teachers: who teach pe ed in other ite	s (e.g., special art-time at thi ms of this sec	s school			VH233959	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educar Long-term subs INCLUDE these typ Itinerant teach Employees repcteaching assign DO NOT INCLUDE Student teacher	es of teachers: resource teache tion) titute teachers: es of teachers: ers who teach p rted in other it ment at this so	ers (e.g., specia and the second second tems of this second	nis school			VICS999	For all teacher counts entered INCLUDE these types Regular Special area or resphysical education Long-term substited INCLUDE these types Itinerant teachers Employees report teaching assignment DO NOT INCLUDE: Student teachers	ed in this items of teachers: source teacher n) tute teachers of teachers: who teach pe ed in other ite ent at this sch	s (e.g., special art-time at thi ms of this sec	s school			VIC1989	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educat Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign	es of teachers: resource teacher ion) titute teachers es of teachers: ers who teach p treed in other it ment at this se i: es stitute teachers	ers (e.g., special endernment of the endernment of this se chool	nis school ction if they a	lso have a par		V1E3999	For all teacher counts entered INCLUDE these types Regular Special area or resphysical educatio Long-term substite INCLUDE these types Itinerant teachers Employees report teaching assignment DO NOT INCLUDE: Student teachers Short-term substite	of teachers: source teacher n) tute teachers of teachers: who teach pe ed in other ite ent at this sch	s (e.g., special art-time at thi ms of this sec ool	s school tion if they als	o have a part		VIC1989	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educar Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign DO NOT INCLUDE Student teaches Short-term subs	es of teachers: resource teacher cion) titute teachers es of teachers: ers who teach p orted in other it ment at this so es stitute teachers each ONLY pre October, how m	ers (e.g., special wart-time at the tems of this se chool se-kindergarten	ais school ction if they a or adult educ RS held full-tir	lso have a par ation me or part-tim	t-time	V1623999	For all teacher counts entered INCLUDE these types Regular Special area or resphysical education Long-term substite INCLUDE these types Itinerant teachers Employees reported teaching assignment but the second of the second o	of teachers: source teacher tute teachers: so teachers: of teachers: so teachers: sed in other ite ent at this sch tute teachers ch ONLY pre-	s (e.g., special art-time at thi ms of this sec ool	s school tion if they als or adult educat S held full-tim	tion	time	VIII.3968	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educar Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign DO NOT INCLUDE Student teaches Short-term subs Teachers who to	es of teachers: resource teacher cion) titute teachers es of teachers: ers who teach p orted in other it ment at this so es stitute teachers each ONLY pre October, how m	ers (e.g., special wart-time at the tems of this se chool se-kindergarten	ais school ction if they a or adult educ RS held full-tir	lso have a par ation me or part-tim	t-time	VICS999	For all teacher counts entered INCLUDE these types Regular Special area or resphysical education Long-term substited INCLUDE these types Itinerant teachers Employees report teaching assignment of the country of t	of teachers: source teacher tute teachers: so teachers: of teachers: so teachers: sed in other ite ent at this sch tute teachers ch ONLY pre-	s (e.g., special art-time at thi ms of this sec ool	s school tion if they als or adult educat S held full-tim	tion	time	VIC1969	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educat Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign DO NOT INCLUDE Student teaches Short-term subs Teachers who to Around the first of C positions or assignm a. Full-time	es of teachers: resource teacher cion) titute teachers es of teachers: ers who teach p orted in other it ment at this so es stitute teachers each ONLY pre October, how m	ers (e.g., special wart-time at the tems of this se chool se-kindergarten	ais school ction if they a or adult educ RS held full-tir	lso have a par ation me or part-tim	t-time	VICSHOS	For all teacher counts entered INCLUDE these types Regular Special area or resphysical educatio Long-term substite INCLUDE these types Itinerant teachers Employees reported teaching assignments DO NOT INCLUDE: Student teachers Short-term substite Teachers who teachers Manual the first of Octopositions or assignments	of teachers: source teachers of teachers of teachers: of teachers: s who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre-ite cober, how ma its in this sch	s (e.g., special art-time at thi ms of this sec ool	s school tion if they als or adult educat S held full-tim	tion	time	VIC1969	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educat Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign DO NOT INCLUDE Student teaches Short-term subs Teachers who to 20. Around the first of Copositions or assignm a. Full-time	es of teachers: resource teacher cion) titute teachers es of teachers: ers who teach p nted in other it ment at this so is rs stitute teachers each ONLY pre october, how m ents in this sch	ers (e.g., special wart-time at the tems of this se chool se-kindergarten	ais school ction if they a or adult educ RS held full-tir	lso have a par ation me or part-tim	t-time	VICSHOS	For all teacher counts entered INCLUDE these types Regular Special area or resphysical education Long-term substited INCLUDE these types Itinerant teachers Employees report teaching assignment of the country of t	of teachers: source teachers of teachers of teachers: of teachers: s who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre-ite cober, how ma its in this sch	s (e.g., special art-time at thi ms of this sec ool	s school tion if they als or adult educat S held full-tim	tion	time	VIC1969	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educar Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign DO NOT INCLUDE Student teacher Short-term subs Teachers who to the second of t	resource teachers: resource teachers titute teachers es of teachers: ers who teach p orted in other it ment at this so estitute teachers each ONLY pre October, how m ents in this sol ime teachers	ers (e.g., special wart-time at the tems of this se chool se-kindergarten	ais school ction if they a or adult educ RS held full-tir	lso have a par ation me or part-tim	t-time	VICSION	For all teacher counts entered INCLUDE these types Regular Special area or resphysical educatio Long-term substite INCLUDE these types Itinerant teachers Employees reported teaching assignments DO NOT INCLUDE: Student teachers Short-term substite Teachers who teachers Manual the first of Octopositions or assignments	of teachers: source teachers of teachers of teachers: of teachers: s who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre-ite cober, how ma its in this sch	s (e.g., special art-time at thi ms of this sec ool	s school tion if they als or adult educat S held full-tim	tion	time	VIC1969	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educat Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign DO NOT INCLUDE Student teaches Short-term subs Teachers who to 20. Around the first of C positions or assignm a. Full-time	resource teachers: resource teachers titute teachers es of teachers: ers who teach p orted in other it ment at this so estitute teachers each ONLY pre October, how m ents in this sol ime teachers	ers (e.g., special wart-time at the tems of this se chool se-kindergarten	ais school ction if they a or adult educ RS held full-tir	lso have a par ation me or part-tim	t-time	VICSION	For all teacher counts entered INCLUDE these types Regular Special area or resphysical educatio Long-term substite INCLUDE these types Itinerant teachers Employees report teaching assignment of the country of th	of teachers: source teachers n) tute teachers who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre-i cober, how ma its in this sch	s (e.g., special art-time at thi ms of this sec ool	s school tion if they als or adult educat S held full-tim	tion	time	VIII.3969	NC	N/A
For all teacher counts ent INCLUDE these typ Regular Special area or physical educar Long-term subs INCLUDE these typ Itinerant teach Employees reporteaching assign DO NOT INCLUDE Student teacher Short-term subs Teachers who to the second of t	resource teachers: resource teachers titute teachers es of teachers: ers who teach p orted in other it ment at this so estitute teachers each ONLY pre October, how m ents in this sol ime teachers	ers (e.g., special wart-time at the tems of this se chool se-kindergarten	ais school ction if they a or adult educ RS held full-tir	lso have a par ation me or part-tim	t-time	VICSION	For all teacher counts entered INCLUDE these types Regular Special area or resphysical educatio Long-term substite INCLUDE these types Itinerant teachers Employees reported teaching assignment DO NOT INCLUDE: Student teachers Short-term substite Teachers who teachers Around the first of Octpositions or assignment a. Full-time Full-time	of teachers: source teachers n) tute teachers of teachers who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre- prober, how ma its in this sche	s (e.g., special art-time at thi ms of this sec ool	s school tion if they als or adult educat S held full-tim	tion	time	VIII.3969	NC	N/A

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

20	019 Pilot Grade 4 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
21. Does your school or district offer tenure to teachers? • Yes • No (2017 Grade 4)	19. Does your school, district, or diocese offer tenure to teachers? ① Yes ① No Issue: School Climate	R	This item was revised to include "diocese" as a source of tenure.
22. Of the following categories of teachers who were full-time teachers at your school at the end of the last school year, what percentage stayed on as full-time teachers for this school year? Select one circle in each row. 0-10% 11-25% 26-50% 51-75% 76-90% Over 90% a. Non-tenured teachers who had taught for at least one year b. Tenured teachers • • • • • • • • • • • • • • • • • •	N/A	D	To create room in the questionnaire for new development and keep school administrator burden low, this item was dropped.
23. In the last school year, how many full-time teachers were new to your school? If you answered 0, Question 24 is not applicable and will be skipped. (2017 Grade 4)	N/A	D	To create room in the questionnaire for new development and keep school administrator burden low, this item was dropped.

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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

	2019 Pilot Grade 4 Core School		
Previous item	2019 item	D/A,	
24. Of the full-time teachers who were new to your school last year, what percentage stayed on as full-time teachers for this school year? © 0-10% © 11-25% © 26-50% © 51-75% © 76-90% © Over 90% (2017 Grade 4)	N/A	D	To create room in the questionnaire for new development and keep school administrator burden low, this item was dropped.
25. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire) Other digital devices (Please specify): (2017 Grade 4)	20. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire) Other digital devices (Please specify): Issue: Technology Use	VILESPINS NC	N/A
26. What is the average age of the desktop computers in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know.		VIESTI16 NC	N/A
27. In your school, where are desktop computers available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ③ In a computer lab ④ In the school library ④ Other (Please specify):	22. In your school, where are desktop computers available for students to work? Select all squares that apply. © In some classrooms © In all classrooms © In a media center © In a computer lab © In the school library © Other (Please specify): Issue: Technology Use	VIII. LESSEE	N/A

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

2019 Pilot Grade 4 Core School							
Previous item	2019 item		D/A/ R/NC+	Rationale			
28. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	23. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	VH587118	NC	N/A			
(2017 Grade 4)	Issue: Technology Use						
29. What is the average age of the laptop computers (including Chromebooks) in your school? © Up to 2 years old More than 2 years but less than 4 years old More than 4 years but less than 6 years old 9 6 years old or more U I don't know.		VIIST129	NC	N/A			
(2017 Grade 4)	Issue: Technology Use						

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Previous item	2019 item		D/A/ R/NC+	Rationale
30. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply.	25. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply.	VH587122	NC	N/A
In some classrooms				
In all classrooms	In all classrooms			
© In a media center	© In a media center			
① In a computer lab				
In the school library	© In a computer lab			
① On mobile carts	© In the school library			
© Other (Please specify):	© On mobile carts © Other (Please specify):			
(2017 Grade 4)	Issue: Technology Use			
YHE	1152	VH311502	NC	N/A
31. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.	26. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire)		INC	'\/^
and the second s	available for students in your school? Enter the number of tablets.			
(2017 Grade 4)	Issue: Technology Use			
•	155ue. Technology Ose	VH587138		
32. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school?	27. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school?		NC	N/A
⊕ Up to 2 years old	⊕ Up to 2 years old			
® More than 2 years but less than 4 years old	More than 2 years but less than 4 years old			
More than 4 years but less than 6 years old	More than 2 years but less than 6 years old More than 4 years but less than 6 years old			
© 6 years old or more				
© I don't know.	6 years old or moreI don't know.			
(2017 Grade 4)				
•	Issue: Technology Use	VH587131		
33. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire)	28. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire)		NC	N/A
available for students to work? Select all squares that apply.	available for students to work? Select all squares that apply.			
In some classrooms	◆ In some classrooms			
① In all classrooms	In all classrooms			
© In a media center	© In a media center			
© In the school library	In the school library			
On mobile carts	① On mobile carts			
© Other (Please specify):	© Other (Please specify):			
(2017 Crade 4)				
(2017 Grade 4)	Issue: Technology Use		1	

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item 4. In your school, is there a wireless Internet connection that students can use for schoolwork? • Yes, everywhere or almost everywhere in the school. • No 2017 Grade 4)								2019 item	D/A/ R/NC+	Rationale
							VH617371	29. In your school, is there a wireless Internet connection that students can use for schoolwork? ② Yes, everywhere or almost everywhere in the school. ③ Yes, in some areas of the school. ③ No Issue: Technology Use	NC	N/A
This school year, did yound tablets used in this Yes, we are partneric Yes, we have technic No	school? ng with a pr	ovider outs	side the sch		for compute	ers	V1617375	N/A	D	To create room in the questionnai for new developmer and keep school
17 Grade 4)										administrate burden low, this item wa dropped.
17 Grade 4) 36. How often do teach	ners do the fo	dlowing in t	his school?	Select one	circle in each	row.	VIINTAEN	N/A	D	burden low this item wa dropped. To create
	ners do the fo	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	several times a	VILLER	N/A	D	burden low this item wa dropped.
How often do teach Teach jointly as a team in the same		About once or twice a	About once or twice a	About once or twice a	Every day or almost	Several times a	VESTAN	N/A	D	burden low this item want dropped. To create room in the questionnal for new
How often do teach Teach jointly as a	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	Several times a day		N/A	D	burden low this item want dropped. To create room in the questionnal for new developme and keep
a. Teach jointly as a team in the same class b. Observe other teachers' classes and provide	Never ©	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	Several times a day	ARFFITTO	N/A	D	burden low this item w dropped. To create room in the questionna for new developme

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item	2019 item							
N/A	10. Are the following factors considered when students school? Select one circle in each row.	dents are admitted to	your	VH812914	A	This item was		
		Yes	No					
	a. Student's record of academic performance	(A)	(1)	VH812915		provide		
	b. Student's scores on an admission test	(A)	(3)	VH812917		additional		
	c. Recommendation of the students' prior schools	0	(1)	VH812918		contextual		
	d. Parents' agreement with the instructional or religious philosophy of the school	0	18	VH812919		information.		
	e. Whether the student requires a special program	0	•	VH812920				
	f. Whether the student is interested in a special program	0	•	VH858971				
	g. Preference given to family members of current or former students	®	(1)	VH812921				
	h. Residence in a particular area	(A)	(1)	VH812922				
	 Qualitative information obtained from the student (e.g., student essays or interviews) 	0	(1)	VH812923				
	j. Other (please specify):	®	•	VH812924				

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Appendix K-3d: Pilot Grade 4 Core

1.	What	is	your	sex?

- Male
- Female

- 2. What grades are taught in your school? Select all squares that apply.
 - Pre-kindergarten
 - ® Kindergarten
 - O 1st grade
 - ② 2nd grade
 - © 3rd grade
 - ① 4th grade
 - © 5th grade
 - (19) 6th grade
 - ① 7th grade
 - ① 8th grade
 - © 9th grade
 - ① 10th grade
 - □ 11th grade
 - 12th grade

3.	Ca	n your school be described by any of the following? Select all squares that apply.
	(A)	Elementary school
	®	Middle or junior high school
	0	Secondary school
	(Regular school with a magnet program
	Œ	A magnet school or a school with a special program emphasis, e.g., science/mathematics
		school, performing arts school, talented/gifted school, for eign language immersion school
	Ð	Special education school: primarily serves students with disabilities
	<u>©</u>	Alternative school: offers a curriculum designed to provide alternative or nontraditional
	\oplus	education, not clearly categorized as regular, special, or vocational education Private independent school
	Ф	Private religiously affiliated school
	О	Independent charter school
	⊗	Charter school administered by local school district

Other (Please specify):

4.	Please identify the organization(s) listed below to which your school is most closely affiliated. Select all squares that apply.	
	American Association of Christian Schools	
	Association of Christian Schools International	
	© Christian Schools International	
	National Association of Episcopal Schools	
	© National Association of Independent Schools	
	National Catholic Educational Association	
	© National Society of Hebrew Day Schools	
	The Association of Boarding Schools	
	Other (Please specify):	
	Not affiliated with any organization	
5.	What is the current enrollment in your school?	VH253912
6.	Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	V11240200
	1 0%	
	® 1–5%	
	© 6–10%	
	© 11–25%	
	© 26–50%	
	© 51–75%	
	© 76–90%	
	① Over 90%	

			VH892141
7.	Ap	proximately what percentage of fourth-graders in your school is new this year?	
	(A)	0%	
	®	1–2%	
	0	3–5%	
	0	6–10%	
	Œ	More than 10%	
			VH240213
8.		out what percentage of this year's fourth-graders was held back and is repeating orth grade?	
	\bigcirc	0%	
	®	1–2%	
	0	3–5%	
	0	6–10%	
	Œ	More than 10%	
			VH240212
9.	Ab abs	out what percentage of your teachers is absent on an average day? (Include all sences in calculating this rate.)	
	(A)	0–2%	
	®	3–5%	
	0	6–10%	
	0	More than 10%	

10. Are the following factors considered when students are admitted to your school? Select **one** circle in each row.

		Yes	No	
a.	Student's record of academic performance	A	®	VH812915
b.	Student's scores on an admission test	(A)	®	VH812917
c.	Recommendation of the students' prior schools	(A)	®	VH812918
d.	Parents' agreement with the instructional or religious philosophy of the school	(A)	®	VH812919
e.	Whether the student requires a special program	(A)	®	VH812920
f.	Whether the student is interested in a special program	®	®	VH858971
g.	Preference given to family members of current or former students	(A)	®	VH812921
h.	Residence in a particular area	A	®	VH812922
i.	Qualitative information obtained from the student (e.g., student essays or interviews)	®	®	VH812923
j.	Other (please specify):	(A)	®	VH812924

- 11. Does your school participate in the National School Lunch Program?
 - A Yes
 - ® No

- 12. How does the school operate the program?
 - Student eligibility is determined individually, and eligible students receive free or reduced-price lunch.
 - (a) All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).

- **13.** During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?
 - **a** 0%
 - ® 1-5%
 - © 6-10%
 - © 11–25%
 - © 26-34%
 - © 35-50%
 - © 51-75%
 - ⊕ 76–99%
 - ① 100%

- **14.** Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)
 - A No
 - ® Yes, our school receives funds, which are targeted to eligible students.
 - © Yes, our school receives funds, which are used for schoolwide purposes.

15. Approximately what percentage of students in your school receives the following services? Select one circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.

	None	1–5%	6–10%	11–25%	26–50%	51–75%	76–90%	Over 90%	
a. Targeted Title I services	A	®	0	0	Œ	Ð	©	Θ	VH241931
b. Gifted and talented program	(A)	B	0	0	Ē	Ē	©	\oplus	VH241922
c. English-as-a-second-language (not in a bilingual education program)	(4)	®	0	0	©.	©	0	Θ	VH241924
d. Special education	A	®	0	0	Ē	Ē	©	Θ	VH241925

- 16. During a typical week of school, what is the total number of regularly scheduled volunteers, including parents, working in the school?
 - A 0
 - **®** 1–5
 - © 6-10
 - ① 11-15
 - © 16-25
 - © More than 25

17. Approximately what percentage of students in your school have parents or guardians who do each of the following activities? Select **one** circle in each row.

	Not applicable	0–10%	11–25%	26–50%	Over 50%	
a. Volunteer regularly to help in the classroom or another part of the school	0	®	0	0	©	VH241940
b. Attend teacher–parent conferences	(A)	®	0	0	Œ	VH241939

VH253959

For all teacher counts entered in this item:

INCLUDE these types of teachers:

- Regular
- Special area or resource teachers (e.g., special education, Title I, art, music, physical education)
- Long-term substitute teachers

INCLUDE these types of teachers:

- Itinerant teachers who teach part-time at this school
- Employees reported in other items of this section if they also have a part-time teaching assignment at this school

DO NOT INCLUDE:

- Student teachers
- Short-term substitute teachers
- Teachers who teach ONLY pre-kindergarten or adult education
- **18.** Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? *If none, mark (0) in the boxes.*

a. Full-time	
	Full-time teachers
b. Part-time	
	Part-time teachers

19. Does your school, district, or diocese offer tenure to teachers?	
Yes	
® No	
	VH591899
20. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply.	
Desktop computers	
Laptop computers (including Chromebooks)	
Tablets (for example, Surface Pro, iPad, Kindle Fire)Other digital devices (Please specify):	
01 What is the consequence of the declaration of the consequence in the	VH587116
21. What is the average age of the desktop computers in your school?	
Up to 2 years old	
® More than 2 years but less than 4 years old	
More than 4 years but less than 6 years old	
© 6 years old or more	
© I don't know.	

VH342882

22.		your school, where are desktop computers available for students to work? Select squares that apply.	
	(A)	In some classrooms	
	$^{\odot}$	In all classrooms	
	0	In a media center	
	0	In a computer lab	
	(E)	In the school library	
	Ð	Other (Please specify):	
			VH587118
23.		nat is the total number of laptop computers (including Chromebooks) available students in your school? Enter the number of laptop computers.	
	Ш		
			VH587129
24.		nat is the average age of the laptop computers (including Chromebooks) in your nool?	
	lack	Up to 2 years old	
	$^{ ext{ B}}$	More than 2 years but less than 4 years old	
	0	More than 4 years but less than 6 years old	
	0	6 years old or more	
	(E)	I don't know.	

25.		your school, where are laptop computers (including Chromebooks) available for idents to work? Select all squares that apply.	
	\bigcirc	In some classrooms	
	$^{ ext{ B}}$	In all classrooms	
	0	In a media center	
	(In a computer lab	
	(E)	In the school library	
	Ð	On mobile carts	
	©	Other (Please specify):	
			VH311502
26.		nat is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) ailable for students in your school? Enter the number of tablets.	
			VH587138
27.		nat is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) your school?	
	(A)	Up to 2 years old	
	$^{ ext{ $	More than 2 years but less than 4 years old	
	0	More than 4 years but less than 6 years old	
	(6 years old or more	
	(E)	I don't know.	

V	Н5	27	1	3	

28.	In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire)
	available for students to work? Select all squares that apply.

- In some classrooms
- In all classrooms
- © In a media center
- In a computer lab
- © In the school library
- ① On mobile carts
- © Other (Please specify):

- **29.** In your school, is there a wireless Internet connection that students can use for schoolwork?
 - Yes, everywhere or almost everywhere in the school.
 - ® Yes, in some areas of the school.
 - © No

Appendix K-3e: Summary of Changes Operational Grade 8 Core

Previous item	2019 item	D/A/ R/NC+	Rationale
VI(1)2299	VH712299	NC	N/A
1. What is your sex?	1. What is your sex?		
Male	Male		
① Female	⊕ Female		
(2018 Grade 8)	Issue: Gender		
VILLONG	VH2403	NC	NI/A
2. What grades are taught in your school? Select all squares that apply.	2. What grades are taught in your school? Select all squares that apply.	NC	N/A
Pre-kindergarten	Pre-kindergarten		
Kindergarten	(b) Kindergarten		
© Ist grade	© Ist grade		
② 2nd grade			
© 3rd grade	① 2nd grade		
4th grade	© 3rd grade		
⑤ 5th grade	① 4th grade		
⊕ 6th grade	© 5th grade		
① 7th grade	⊕ 6th grade		
② 8th grade	◆ 7th grade		
◎ 9th grade	① 8th grade		
© 10th grade	© 9th grade		
11th grade	○ 10th grade		
12th grade	11th grade		
	12th grade		
(2018 Grade 8)	Issue: School Climate		
VID4083	issue. School chillate	VH860607	- ! "0:!
3. Can your school be described by any of the following? Select all squares that apply.	3. Can your school be described by any of the following? Select all squares that apply.	R	The "Other
Elementary school	Select an squares that apply: Elementary school		(Please
Middle or junior high school	Middle or junior high school		specify)"
© Secondary school			
Regular school with a magnet program	© Secondary school		response
A magnet school or a school with a special program emphasis, e.g., science/mathematics school, performing arts school, talented/gifted school, foreign language immersion school	Regular school with a magnet program		option was
	 A magnet school or a school with a special program emphasis, e.g., science/mathematics 		removed. This
Special education school: primarily serves students with disabilities	school, performing arts school, talented/gifted school, foreign language immersion school	5.1	
Alternative school: offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special, or vocational education	 Special education school: primarily serves students with disabilities 		response
Private independent school	Alternative school: offers a curriculum designed to provide alternative or nontraditional		option is only
Private religiously affiliated school	education, not clearly categorized as regular, special, or vocational education		used in pilot
① Independent charter school	Private independent school		•
Charter school administered by local school district	- A Trans Independent serios		administratio
Other (Please specify):	Private religiously affiliated school		ns.
	Independent charter school		
(2010 C - 1 - 0)	Charter school administered by local school district		
(2018 Grade 8)	Issue: School Climate		

201	9 Operational Grade 8 Core School			
Previous item	2019 item		D/A/ R/NC+	Rationale
4. Please identify the organization(s) listed below to which your school is most closely affiliated. Select all squares that apply. ② American Association of Christian Schools ③ Association of Christian Schools International ① Christian Schools International ③ National Association of Episcopal Schools ⑤ National Association of Independent Schools ⑤ National Catholic Educational Association ⑤ National Society of Hebrew Day Schools ⑤ The Association of Boarding Schools ⑤ Other (Please specify): ⑤ Not affiliated with any organization	4. Please identify the organization(s) listed below to which your school is most closely affiliated. Select all squares that apply. American Association of Christian Schools Association of Christian Schools International Christian Schools International National Association of Episcopal Schools National Association of Independent Schools National Catholic Educational Association National Society of Hebrew Day Schools The Association of Boarding Schools Not affiliated with any organization	VH862791	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administratio
(2018 Grade 8)	Issue: School Climate	VH253912		ns.
5. What is the current enrollment in your school?	5. What is the current enrollment in your school?		NC	N/A
(2018 Grade 8)	Issue: School Climate	VH253943		
6. Approximately what percentage of eighth-graders in your school is new this year?	7. Approximately what percentage of eighth-graders in your school is new this year?	11120940	NC	N/A
(2018 Grade 8)		VH240214	NC	NI/A
7. About what percentage of this year's eighth-graders was held back and is repeating eighth grade? © 0% © 1-2% © 3-5% © 6-10% © More than 10%	 8. About what percentage of this year's eighth-graders was held back and is repeating eighth grade? © 0% © 1-2% © 3-5% © 6-10% © More than 10% 		NC	N/A
(2018 Grade 8)	Issue: School Climate			

20	19 Operational Grade 8 Core School			
Previous item	2019 item		D/A/ R/NC+	Rationale
Y Commence of the Commence of	H24008	VH240208	NC	N/A
Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	6. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?			14,71
◎ 0%	◎ 0%			
© 1–5%	® 1-5%			
© 6–10%	© 6-10%			
© 11-25%	© 11–25%			
© 26–50%	© 26–50%			
Ф 51-75%	© 51–75%			
© 76–90%	© 76–90%			
① Over 90%	® Over 90%			
2018 Grade 8)	Issue: School Climate			
	issue: School Cliffiate	VH240209		
Last school year, approximately what percentage of students at your school enrolled after the first day of school?	 Last school year, approximately what percentage of students at your school enrolled after the first day of school? 	12-22-5	NC	N/A
® 0%	● 0%			
3 1-3%	© 1-3%			
© 4-6%	© 4-6%			
1 7–10%	© 7-10%			
© 11-20%	© 11-20%			
① Over 20%	© Over 20%			
2018 Grade 8)	Issue: School Climate			
•	133de: School Chillate	VH240210	NC	N1 / A
 Last school year, approximately what percentage of students at your school left before the end of the school year? 	 Last school year, approximately what percentage of students at your school left before the end of the school year? 		NC	N/A
● 0%	® 0%			
1 –3%	1-3%			
© 4-6%	© 4-6%			
© 7-10%	© 7–10%			
© 11–20%	© 11-20%			
① Over 20%	① Over 20%			
2018 Grade 8)	Issue: School Climate			

2019 O	perational Grade 8 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
11. About what percentage of your students is absent on an average day? (Include excused and unexcused absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10% (2018 Grade 8)	N/A	D	Due to content overlap with student questionnaire content and to keep school administrator burden low, this item was dropped.
12. About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.) © 0-2% © 3-5% © 6-10% © More than 10%	11. About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10%	NC	N/A
(2018 Grade 8)	Issue: School Climate		
13. Does your school participate in the National School Lunch Program? ② Yes ③ No	12. Does your school participate in the National School Lunch Program? ① Yes ① No	NC	N/A
(2018 Grade 8)	Issue: Socioeconomic Status		
14. How does the school operate the program? Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).	13. How does the school operate the program? Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).	NC	N/A
(2018 Grade 8)	Issue: Socioeconomic Status		

2019 C	perational Grade 8 Core School			
Previous item	2019 item		D/A/ R/NC+	Rationale
15. If your school distributes free lunch to all students under Provision 2 or 3, what was the base year during which individual student eligibility was collected? ② This school does not distribute free lunch to all students under Provision 2 or 3—eligibility is determined annually. ③ 2017 ② 2016 ② 2015 ② 2014 ② 2013 ③ 2012 or earlier	N/A		D	Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement, this item was dropped.
16. During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program? © 0% © 1-5% © 6-10% © 11-25% © 26-34% © 35-50% © 51-75% © 76-99% © 100% (2018 Grade 8)	14. During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program? ① 0% ① 1–5% ② 6–10% ② 11–25% ① 26–34% ② 35–50% ② 51–75% ④ 76–99% ① 100% Issue: Socioeconomic Status	VH240218	NC	N/A
17. Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.) No Yes, our school receives funds, which are targeted to eligible students. Yes, our school receives funds, which are used for schoolwide purposes.	15. Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.) ◆ No ◆ Yes, our school receives funds, which are targeted to eligible students. ◆ Yes, our school receives funds, which are used for schoolwide purposes. Issue: Socioeconomic Status	VH240219	NC	N/A

revious iter	n									2019 item										D/A/ R/NC+	Rationale
18. Approximately one circle in each service they ree services as of th	eive. Pl	ease repor	rt the perc	entage of	students v	eives the f rvice show who receiv	following ald be cou e each of	services nted for the follo	Select such wing	16. Approximate one circle in service they services as of	each row. S eceive. Ple	tudents w ase report	ho receive	e more than ntage of st	n one serv udents wh	vice shoul	d be coun	ted for ea	ch	R	Due to a lack of response
	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over			None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%			variability and to keep
a. Targeted Title I services	©	OD.	0	9	CD CD	Ф	9	69	VIRGARIES	a. Targeted Title I services	0	•	0	0	Θ	Θ	0	0	VH241931		school
b. Gifted and talented program	0	0	0	0	0	Ф	9	8	VHZAVEZŽ	b. Gifted and talented program	0	0	0	Φ	Θ	Θ	©	0	VH241922		administrato
c. Instruction provided in student's home language (non-English)	©	Ф	9	9	Ф	θ	ø	0	V10.41921	c. English-as-a- second-langua; (not in a bilingual education program)	ge Ø	(1)	0	0	θ	Θ	0	(8)	VH241924		burden low sub-item c. was dropped
d. English-as-a- second-language (not in a bilingual education program)	GD .	Ф	9	9	3D	9	9	89	MHARRA	d. Special education	0	•	0	0	•	0	©	⊕	VH241925		
e. Special education	0	0	9	0	0	Ф	9	0	VH241925	-											

9. During a typical week of school, what is the total number of regularly schoolated working in the school. 17. During a typical week of school, what is the testal number of regularly schoolated working in the school. 18. Carrier of the school of the s								2019 item							D/A/ R/NC+	Rationale
20. Approximately what percentage of students in your school have parents or guardians who do each of the following activities Select one circle in each row. Not who do each of the following activities Select one circle in each row.	volunteers, including p 0 1-5 6-10 11-15 16-25 More than 25				gularly sched	uled	VH240220	volunteers, including parents, working in the school? ① 0 ③ 1-5 ① 6-10 ③ 11-15 ④ 16-25 ④ More than 25							NC	N/A
Volunteer regularly to help in the classroom or short of the classroom of	0. Approximately what p	percentage of s llowing activit	tudents in yo ies? Select on	ur school have e circle in eac	e parents or gu h row.	ardians	VH241938	18. Approximately what p	percentage of s	tudents in yo ies? Select on	ur school have e circle in eac	e parents or gr h row.	uardians	VH241938	NC	N/A
Deliging the classroom or another part of the conferences. Security Se		Not applicable	0-10%	11-25%	26-50%	Over 50%				0-10%	11–25%	26-50%	Over 50%			
Do Not Include: Some of the states who teach out this school Do Not Include: Some of the states who teach out the school I sound the first of Octobe, how many TEACHERS held full-time or part-time positions or assignment in this school I none, mark (0) in the boxes. Furt-time Part-time teachers	help in the classroom or another part of the	@	®	0	Φ	©	VH241940	help in the classroom or another part of the	•	(1)	0	Φ	•	VH241940		
For all teacher counts entered in this item: No. No.		0	(8)	0	Φ	Œ	VH241939	b. Attend teacher-parent	®	•	0	0	Φ	VH241939		
For all teacher counts entered in this item: INCLUDE these types of teachers: Regular Special area or resource teachers (e.g., special education. Title I, art. music. physical education) Long term substitute teachers INCLUDE these types of teachers: Itineant teachers who teach part time at this school Employees reported in other items of this section if they also have a part-time teaching essignment at this school DO NOT INCLUDE: Student teachers Short-term substitute teachers Teachers who teach ONLY pre-kindergarten or adult education DO NOT include: Student teachers Teachers who teach ONLY pre-kindergarten or adult education Part-time Full-time teachers B Part-time Full-time Full-time teachers B Part-time Full-time teachers Fart-time teachers Fart-time teachers Fart-time teachers Fart-time teachers Seguiar INCLUDE these types of teachers: Regular Regular NC N/A INCLUDE these types of teachers: Regular Regular NC N/A INCLUDE these types of teachers: Regular NC N/A INCLUDE these types of teachers: Regular NC N/A INCLUDE these types of teachers: Regular NC UDE these types of teachers: NCLUDE the	2018 Grade 8)							Issue: School Clin	nate							
a. Full-time positions or assignments in this school? If none, mark (0) in the boxes. a. Full-time b. Part-time Part-time teachers b. Part-time teachers b. Part-time	For all teacher counts er							For all teacher counts entere	d in this item						NC	N/A
Part-time teachers b. Part-time	Regular Special area of physical educt Long-term sub INGLUDE these by Itinerant teach Employees repteaching assign DO NOT INCLUD Student teach Short-term suit Teachers who Around the first of	r resource leace ation) bestimte teacher pes of teacher, hers who teach corted in other imment at this DE: ers bstimte teache teach ONLY p	hers (e.g., spec rs i: i: part-time at i items of this s school ers re-kindergarte many TEACH	this school section if they n or adult edn ERS held full-t	also have a pa cation cime or part-tir	rt-lime		Regular Special area or resphysical educatio Long-term substit INCLUDE these types Itinerant teachers Employees report teaching assignment of the control of the	tource teachers of teachers: who teach pa ed in other ite ent at this sche tute teachers ch ONLY pre-k	rt-time at thi ns of this sec col	s school tion if they als or adult educa	so have a part	-time			
	Regular Special atea on physical educe Long-term sub- INGLUDE these by Itinerant teach Employees repteaching assign DO NOT INCLUD Student teach Short-term sub- Teachers who 21. Around the first of positions or assigns a. Full-time Full-time	r resource leac ation) sostitute teacher pes of teacher hers who teach worted in other mment at this DE: ers bstitute teach teach ONLY p October, how ments in this s	hers (e.g., spec rs i: i: part-time at i items of this s school ers re-kindergarte many TEACH	this school section if they n or adult edn ERS held full-t	also have a pa cation cime or part-tir	rt-lime		Regular Special area or resphysical educatio Long-term substit INCLUDE these types Itinerant teachers Employees report teaching assignment teachers Student teachers Short-term substit Teachers who teachers Around the first of Oct positions or assignment a. Full-time	tource teachers of teachers: who teach pa ed in other iter ent at this scho tute teachers th ONLY pre-k ober, how mar ts in this scho	rt-time at thi ms of this sec cool cindergarten o	s school tion if they als or adult educat S held full-tim	tion to part tion	-time			

						2019 (Operational Grade 8 Core School			
Previous item							2019 item		D/A/ R/NC+	Rationale
22. Does your school, di	istrict, or di	ocese offer to	enure to tead	chers?		YHSGE	20. Does your school, district, or diocese offer tenure to teachers? ◆ Yes ◆ No Issue: School Climate	VIEST201	NC	N/A
23. Of the following of the end of the last this school year? S	school year	, what percer	ntage stayed	ime teachers on as full-ti	s at your sch me teachers	tool at for	N/A		D	Due to the substantial
	0-10%	11-25%	26-50%	51-75%	76-90%	Over 90%				time burden
Non-tenured teachers who had taught for at least one year	Φ	0	0	Φ	Ф	© VHZEINES				associated
b. Tenured teachers	0	0	0	Ф	Ф	© VICURE				with completing this item and
										a lack of a
										clear relationship
										to achievement,
										this item was
(2018 Grade 8)						VH254012	N/A		D	dropped. Due to the
24. In the last school year	r, how man	y full-time t	eachers wer	e new to you	ur school?		N/A			substantial
										time burden associated
										with
										completing
										this item and a lack of a
										clear
										relationship
										to achievement,
(2018 Grade 8)										this item was
,										dropped.

201	19 Operational Grade 8 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
25. Of the full-time teachers who were new to your school last year, what percentage stayed on as full-time teachers for this school year? © 0-10% © 11-25% © 26-50% © 51-75% © 76-90% © Over 90% (2018 Grade 8)	N/A	D	Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement, this item was dropped.
26. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire) Other digital devices (Please specify): Other digital devices (Please specify):	21. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire)	VIISSOISS R	The "Other (Please specify)" response option was removed. This response option is only used in pilot
(2018 Grade 8)	Issue: Technology Use		administratio ns.

2019	Operational Grade 8 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
27. What is the average age of the desktop computers in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know.	22. What is the average age of the desktop computers in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know. Issue: Technology Use	VIESTII6 NC	N/A
28. In your school, where are desktop computers available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ③ In a computer lab ④ In the school library ④ Other (Please specify): (2018 Grade 8)		PISSO(99)	The "Other (Please specify)" response option was removed. This response option is only used in pilot administrations.
29. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	24. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	NC	N/A
(2018 Grade 8) 30. What is the average age of the laptop computers (including Chromebooks) in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © 1 don't know.	Issue: Technology Use 25. What is the average age of the laptop computers (including Chromebooks) in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © 1 don't know. Issue: Technology Use	VIISST29 NC	N/A

2019	9 Operational Grade 8 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
31. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ⑤ In a computer lab ⑤ In the school library ⑤ On mobile carts ③ Other (Please specify):	26. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ③ In a computer lab ① In the school library ③ On mobile carts	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administratio
(2018 Grade 8)	Issue: Technology Use		ns.
32. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets. [2018 Grade 8]		NC NC	N/A
33. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know. (2018 Grade 8)	28. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school? © Up to 2 years old More than 2 years but less than 4 years old More than 4 years but less than 6 years old 9 6 years old or more 1 Idon't know. Issue: Technology Use	NC	N/A
34. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ⑤ In a computer lab ⑤ In the school library ⑤ On mobile carts ③ Other (Please specify):		R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administrations.

Previous item								2019 item	D/A/ R/NC+	Rationale
35. In your school, is the schoolwork? ① Yes, everywhere ① Yes, in some area ② No (2018 Grade 8)	or almost ev	erywhere in		t students ca	n use for	VH6	17371	30. In your school, is there a wireless Internet connection that students can use for schoolwork? ① Yes, everywhere or almost everywhere in the school. ① Yes, in some areas of the school. ② No	NC	N/A
36. This school year, diand tablets used in to Yes, we are partion Yes, we have tee	d your school this school? nering with a	a provider out	tside the sch		r computers	¥3603*	1915	N/A	D	Due to a lact of a clear relationship to achievemen and low response variability, this item wa
(2018 Grade 8))									
(2018 Grade 8) 37. How often do teacl		About once or twice a	About once or twice a	About once or twice a	Every day or almost	Several times a	VIOTEO	N/A	D	dropped. Due to a lact of a clear relationship
	hers do the f	About once or	About once or	About once or	Every day	Several	VIIATE 450	N/A	D	dropped. Due to a lactor of a clear
How often do teach Teach jointly as a team in the same	hers do the f	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	Several times a day		N/A	D	dropped. Due to a lactor of a clear relationship to achievement and low
a. Teach jointly as a team in the same class b. Observe other teachers' classes and provide	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	Several times a day	VIbitest	N/A	D	dropped. Due to a lac of a clear relationship to achievemen

Appendix K-3f: Operational Grade 8 Core

1.	What	10	770111	0037
1.	vviiat	13	your	SUA:

- Male
- Female

2. What grades are taught in your school? Select all squares that apply.

- Pre-kindergarten
- ® Kindergarten
- O 1st grade
- ② 2nd grade
- © 3rd grade
- ① 4th grade
- © 5th grade
- (19) 6th grade
- ① 7th grade
- ① 8th grade
- © 9th grade
- ① 10th grade
- □ 11th grade
- 12th grade

- 3. Can your school be described by any of the following? Select all squares that apply.
 - Elementary school
 - Middle or junior high school
 - © Secondary school
 - Regular school with a magnet program
 - © A magnet school or a school with a special program emphasis, e.g., science/mathematics school, performing arts school, talented/gifted school, foreign language immersion school
 - © Special education school: primarily serves students with disabilities
 - © Alternative school: offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special, or vocational education
 - Private independent school
 - Private religiously affiliated school
 - Independent charter school
 - © Charter school administered by local school district

- **4.** Please identify the organization(s) listed below to which your school is most closely affiliated. Select **all** squares that apply.
 - American Association of Christian Schools
 - Association of Christian Schools International
 - Christian Schools International
 - National Association of Episcopal Schools
 - © National Association of Independent Schools
 - © National Catholic Educational Association
 - © National Society of Hebrew Day Schools
 - The Association of Boarding Schools
 - Not affiliated with any organization

V	H25	391	12

		VH253912
5.	What is the current enrollment in your school?	
6.	Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	VH240208
	1 1–5%	
	© 6–10%	
	© 11–25%	
	© 26-50%	
	© 51–75%	
	© 76–90%	
	① Over 90%	
		VH253943
7.	Approximately what percentage of eighth-graders in your school is new this year?	
8.	About what percentage of this year's eighth-graders was held back and is repeating eighth grade?	VH240214
	® 1-2%	
	© 3–5%	
	© 6-10%	
	© More than 10%	

			VH240209
9.		st school year, approximately what percentage of students at your school rolled after the first day of school?	
	(A)	0%	
	$^{ ext{ B}}$	1–3%	
	0	4–6%	
	(7–10%	
	(E)	11–20%	
	Ð	Over 20%	
			VH240210
10.	Las bef	st school year, approximately what percentage of students at your school left fore the end of the school year?	
	(A)	0%	
	®	1–3 %	
	0	4–6%	
	(7–10%	
	(E)	11–20%	
	Ð	Over 20%	
			VH240212
11.		out what percentage of your teachers is absent on an average day? (Include all sences in calculating this rate.)	
	(A)	0–2%	
	$^{ ext{ B}}$	3–5%	
	0	6–10%	

© More than 10%

			VH240215
12.	Do	es your school participate in the National School Lunch Program?	
	(A)	Yes	
	$^{ ext{ $	No	
			VH240216
13.	Но	w does the school operate the program?	
	lack	Student eligibility is determined individually, and eligible students receive free or	
		reduced-price lunch.	
	$^{ ext{ B}}$	All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).	
			VH240218
14.	elig	ring this school year, about what percentage of students in your school was gible to receive a free or reduced-price lunch through the National School Lunch ogram?	
	(A)	0%	
	$^{ ext{ $	1–5%	
	0	6–10%	
	(11–25%	
	Œ	26–34%	
	⑤	35–50%	
	©	51–75%	
	\oplus	76–99%	
	Φ	100%	
	0	100%	

- **15.** Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)
 - A No
 - Tes, our school receives funds, which are targeted to eligible students.
 - © Yes, our school receives funds, which are used for schoolwide purposes.

16. Approximately what percentage of students in your school receives the following services? Select **one** circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.

		None	1–5%	6–10%	11–25%	26–50%	51–75%	76–90%	Over 90%	
a.	Targeted Title I services	(4)	®	0	0	Œ	Ð	0	Θ	VH241931
b.	Gifted and talented program	(4)	B	0	0	Œ	(F)	6	Ð	VH241922
c.	English-as-a- second-language (not in a bilingual education program)	(4)	®	0	Θ	(£)	©	0	Θ	VH241924
d.	Special education	A	®	0	0	Ē	Ē	©	\oplus	VH241925

- 17. During a typical week of school, what is the total number of regularly scheduled volunteers, including parents, working in the school?
 - **(A)** 0
 - ® 1-5
 - © 6-10
 - ① 11-15
 - © 16-25
 - © More than 25

18. Approximately what percentage of students in your school have parents or guardians who do each of the following activities? Select **one** circle in each row.

	Not applicable	0–10%	11–25%	26–50%	Over 50%	
a. Volunteer regularly to help in the classroom or another part of the school	0	®	0	0	©	VH241940
b. Attend teacher–parent conferences	(A)	®	0	0	Œ	VH241939

VH253959

For all teacher counts entered in this item:

INCLUDE these types of teachers:

- Regular
- Special area or resource teachers (e.g., special education, Title I, art, music, physical education)
- Long-term substitute teachers

INCLUDE these types of teachers:

- Itinerant teachers who teach part-time at this school
- Employees reported in other items of this section if they also have a part-time teaching assignment at this school

DO NOT INCLUDE:

- Student teachers
- Short-term substitute teachers
- Teachers who teach ONLY pre-kindergarten or adult education
- **19.** Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? *If none, mark (0) in the boxes.*

a. Full-time	
	Full-time teachers
b. Part-time	
	Part-time teachers

	VH547401
Does your school, district, or diocese offer tenure to teachers?	
♠ Yes	
® No	
	VH860698
In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply.	
Desktop computers	
Laptop computers (including Chromebooks)	
© Tablets (for example, Surface Pro, iPad, Kindle Fire)	
	VH587116
What is the average age of the desktop computers in your school?	
C I doll t know.	
	Does your school, district, or diocese offer tenure to teachers? Yes No In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire)

23.		your school, where are desktop computers available for students to work? Select squares that apply.	
	igotimes	In some classrooms	
	$^{\otimes}$	In all classrooms	
	0	In a media center	
	0	In a computer lab	
	(E)	In the school library	
24.		nat is the total number of laptop computers (including Chromebooks) available students in your school? Enter the number of laptop computers.	VH587118
25.		nat is the average age of the laptop computers (including Chromebooks) in your nool?	
	\bigcirc	Up to 2 years old	
	®	More than 2 years but less than 4 years old	
	0	More than 4 years but less than 6 years old	
	(6 years old or more	
	(E)	I don't know.	

26.	In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply.	
	In some classrooms	
	In all classrooms	
	© In a media center	
	① In a computer lab	
	© In the school library	
	① On mobile carts	
		VH311502
27.	What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.	
		VH587138
28.	What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school?	
	① Up to 2 years old	
	® More than 2 years but less than 4 years old	
	More than 4 years but less than 6 years old	
	© 6 years old or more	
	© I don't know.	

- **29.** In your school, where are **tablets** (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select **all** squares that apply.
 - In some classrooms
 - In all classrooms
 - © In a media center
 - In a computer lab
 - © In the school library
 - ① On mobile carts

- **30.** In your school, is there a wireless Internet connection that students can use for schoolwork?
 - ② Yes, everywhere or almost everywhere in the school.
 - ® Yes, in some areas of the school.
 - © No

Appendix K-3g: Summary of Changes Pilot Grade 8 Core

Previous item	2019 item	D/A/ R/NC+	Rationale
N/A	1. What is your sex?	Α	This item was
			added to
			provide
	® Female		
	to a good or		additional
	Issue: Gender		contextual
			information.
VH240302	VH24082	NC	N/A
What grades are taught in your school? Select all squares that apply. One of the second select all squares that apply. One of the second select all squares that apply.	What grades are taught in your school? Select all squares that apply.		
Pre-kindergarten Windergarten	Pre-kindergarten		
® Kindergarten	® Kindergarten		
© 1st grade	© 1st grade		
① 2nd grade ② 3rd grade	② 2nd grade		
① 4th grade	① 3rd grade		
© 5th grade	① 4th grade		
① 6th grade	© 5th grade		
Φ 7th grade	⊕ 6th grade		
① 8th grade	① 7th grade		
© 9th grade	① 8th grade		
① 10th grade	© 9th grade		
® 11th grade	© 10th grade		
® 12th grade	■ 11th grade		
Constitution of the second	12th grade		
(2017 Grade 8)	Issue: School Climate		
VH24383	VII24083	NC	N/A
2. Can your school be described by any of the following? Select all squares that apply.	Can your school be described by any of the following? Select all squares that apply.	- 110	11,71
Elementary school	Elementary school		
Middle or junior high school	Middle or junior high school		
© Secondary school	© Secondary school		
Regular school with a magnet program A magnet school or a school with a program complexity and science/methometics.	Regular school with a magnet program		
A magnet school or a school with a special program emphasis, e.g., science/mathematics school, performing arts school, talented/gifted school, foreign language immersion school	A magnet school or a school with a special program emphasis, e.g., science/mathematics		
 Special education school: primarily serves students with disabilities 	school, performing arts school, talented/gifted school, foreign language immersion school		
 Alternative school: offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special, or vocational education 	 Special education school: primarily serves students with disabilities 		
Private independent school	Alternative school: offers a curriculum designed to provide alternative or nontraditional		
Private religiously affiliated school	education, not clearly categorized as regular, special, or vocational education		
① Independent charter school	Private independent school		
© Charter school administered by local school district	Private religiously affiliated school		
Other (Please specify):	2 Trivate rengiously aimitated school		
	① Independent charter school		
	 Charter school administered by local school district 		
(2047.0 0)	Other (Please specify):		
(2017 Grade 8)	Issue: School Climate		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

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2019 Pilot Grade 8 Core School **Previous item** 2019 item D/A/ Rationale R/NC+ R The response 4. Please identify the organization(s) listed below to which your school is most 3. Please identify the organization(s) listed below to which your school is most option "None closely affiliated. Select all squares that apply. closely affiliated. Select all squares that apply. (3) American Association of Christian Schools American Association of Christian Schools of the Above" Association of Christian Schools International Association of Christian Schools International was removed. Christian Schools International Christian Schools International National Association of Episcopal Schools National Association of Episcopal Schools ® National Association of Independent Schools D National Association of Independent Schools National Catholic Educational Association National Catholic Educational Association @ National Society of Hebrew Day Schools @ National Society of Hebrew Day Schools The Association of Boarding Schools The Association of Boarding Schools Other (Please specify): Other (Please specify): Not affiliated with any organization O None of the above **Issue: School Climate** (2017 Grade 8) NC N/A 4. What is the current enrollment in your school? 5. What is the current enrollment in your school? **Issue: School Climate** (2017 Grade 8) R The response 5. Approximately what percentage of eighth-graders in your school is new this year? 7. Approximately what percentage of eighth-graders in your school is new this year? format was **a** 0% % changed to ® 1-2% © 3-5% match other @ 6-10% similar items More than 10% in the questionnaire and reduce school administrator **Issue: School Climate** (2017 Grade 8) burden. N/A NC 6. About what percentage of this year's eighth-graders was held back and is repeating 8. About what percentage of this year's eighth-graders was held back and is repeating eighth grade? eighth grade? ⊕ 0% @ 0% ® 1-2% ® 1-2% © 3-5% © 3-5% @ 6-10% ◎ 6-10% More than 10% More than 10% Issue: School Climate (2017 Grade 8)

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

2019 Pilot Grade 8 Core School				
Previous item	2019 item	D/A/ R/NC+	Rationale	
7. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	VH240208 NC	N/A	
◆ 0%	© 0%			
① 1–5%	® 1-5%			
© 6-10%	© 6-10%			
© 11-25%	© 11-25%			
© 26-50%	© 26-50%			
© 51-75%	Ф 51-75%			
© 76–90%	© 76-90%			
® Over 90%	© Over 90%			
(2017 Grade 8)	Issue: School Climate			
	N/A	D	To create room in the	
© 0%				
1-3%			questionnaire	
© 4-6%			for new	
◎ 7–10%			development	
© 11–20%			and keep	
© Over 20%			school	
(2017 Grade 8)			administrator	
(2017 Grade 0)			burden low,	
			this item was	
			dropped.	
	VIE240210 A. / A			
Last school year, approximately what percentage of students at your school left before the end of the school year?	N/A	D	To create room in the	
© 0%				
1-3%			questionnaire	
© 4-6%			for new	
© 7-10%			development	
© 11-20%			and keep	
© Over 20%			school	
(2017 Crada 9)			administrator	
(2017 Grade 8)			burden low,	
			this item was	
			dropped.	

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

2019 Pilot Grade 8 Core School							
Previous item	2019 item		D/A/ R/NC+	Rationale			
10. About what percentage of your students is absent on an average day? (Include excused and unexcused absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10% (2017 Grade 8)	N/A		D	To create room in the questionnaire for new development and keep school administrator burden low, this item was dropped.			
	9. About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10%	VH240/12	NC	N/A			
(2017 Grade 8)	Issue: School Climate						
 Does your school participate in the National School Lunch Program? ⊕ Yes Φ No Questions 13–15 are not applicable and will be skipped. 	11. Does your school participate in the National School Lunch Program? ② Yes ⑤ No	VIIZBIJS	NC	No content change was made but the skip pattern directions have been removed due to the transition to DBA.			
(2017 Grade 8)	Issue: Socioeconomic Status						

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

13. How does the school operate the program? © Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. Question 14 is not applicable and will be skipped. © All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).	12. How does the school operate the program? ② Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. ③ All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).	NC	No content change was made but the skip pattern directions have been removed due to the
(2017 Grade 8)			transition to
	Issue: Socioeconomic Status		DBA.
14. If your school distributes free lunch to all students under Provision 2 or 3, what was the base year during which individual student eligibility was collected? ① This school does not distribute free lunch to all students under Provision 2 or 3—eligibility is determined annually. ② 2016 ② 2015 ② 2014 ② 2013 ② 2012 ② 2011 or earlier	N/A	D	To create room in the questionnaire for new development and keep school administrator burden low,

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous ite	m									2019 item										D/A/ R/NC+	Rationale
5. During this sche eligible to receiv Program?								nch	VH240218	13. During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?								NC	N/A		
© 0%										⊕ 0%											
® 1-5%										T-5%											
© 6-10%										© 6-10%											
© 11–25%										© 11-25%											
© 26-34%										© 26-34%											
© 35-50%										© 35-50%											
© 51–75%										© 51–75%											
® 76–99%										⊕ 76–99%											
○ 100%										Ф 100%											
2017 Grade	8)									Issue: Socioe	conoi	mic St	tatus								
provides educatichildren who liv No Yes, our scho Yes, our scho	e in areas	s with hi	gh concer which ar	ntrations re targete	of low-ine	come fami	ilies.)			© No S Yes, our school	 Yes, our school receives funds, which are targeted to eligible students. Yes, our school receives funds, which are used for schoolwide purposes. 										
Approximately what percentage of students in your school receives the following services? Select one circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.						15. Approximately what percentage of students in your school receives the following services? Select one circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.							R	Due to a lac							
	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%			None	1-5%	6–10%	11–25%	26-50%	51-75%	76-90%	Over 90%			relationship to
a. Targeted Title I services	0	Φ	9	0	0	Φ	0	•	VH241931	a. Targeted Title I services	0	(B)	0	0	(0	0	•	VH241931		achievemen
b. Gifted and talented program	8	GD.	9	Ф	00	0	9	60	VH141912	b. Gifted and talented program	0	®	0	Φ	•	(0	•	VH241922		and to keep
c. Instruction provided in student's home language (non-English)	9	Ф	9	ø	Ф	9	©	Θ	VH231923	c. English-as-a- second-language (not in a bilingual education program)	0	•	0	0	0	Θ	0	•	VH241924		school administrate burden low,
d. English-as-a- second-language (not in a	9	9	0	0	0	0	Φ	0	VHIIALODA	d. Special education	®	(B)	0	Φ	©	•	©	•	VH241925		sub-item C was droppe
bilingual education program)																					

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item							D/A/ R/NC+	Rationale
During a typical week of school, where we work to be a typical week of school, where we work to be a typical week of school, which is the typical week of school with the typical week of the typic			ularly schedul	led	VH240220	16. During a typical week of school, what is the total number of regularly scheduled volunteers, including parents, working in the school?						NC	N/A	
◎ 0						◎ 0								
① 1-5						® 1-5								
© 6-10 © 11-15						© 6–10								
© 16-25						© 11–15								
More than 25	① 16–25 ① More than 25													
2017 Grade 8)						Issue: School Clir	mate							
19. Approximately what percentage of students in your school have parents or guardians who do each of the following activities? Select one circle in each row.						17. Approximately what p who do each of the fol	percentage of s				ıardians	VH241938	NC	N/A
Not applicable	0-10%	11-25%	26-50%	Over 50%			Not applicable	0–10%	11-25%	26–50%	Over 50%			
a. Volunteer regularly to help in the classroom or another part of the school	•	0	Ф	Ф	VH241940	 Volunteer regularly to help in the classroom or another part of the school 	@	(8)	0	Ф	•	VH241940		
b. Attend teacher-parent	•	0	0	0	VH241939	b. Attend teacher-parent	®	0	0	1 - 12	•	VH241939		
conferences						conferences		6	O	Φ	Ψ	VH241939		
2017 Grade 8)	0:				VH253959		mate		O'	Φ		VH253959	NC	N/A
2017 Grade 8)					VH253959	Issue: School Clir	mate ed in this item		U U	0			NC	N/A
2017 Grade 8) For all teacher counts entered in item? INCLUDE these types of teachers Regular					VH253959	Issue: School Clir For all teacher counts entere INCLUDE these types Regular	mate ed in this item of teachers:	:					NC	N/A
2017 Grade 8) For all teacher counts entered in item 2 INCLUDE these types of teachers		al education, 1			VH253969	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res	mate ed in this item of teachers:	:					NC	N/A
2017 Grade 8) For all teacher counts entered in item 1 INCLUDE these types of teachers Regular Special area or resource teac	eers (e.g., speci	al education, I			VH253959	Issue: School Clir For all teacher counts entere INCLUDE these types Regular	mate ed in this item of teachers: source teacher n)	:					NC	N/A
2017 Grade 8) For all teacher counts entered in item 2 INCLUDE these types of teachers Regular Special area or resource teac physical education)	: ners (e.g., species	al education, I			VIE259959	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical educatio. Long-term substit	mate ed in this item of teachers: source teacher n) tute teachers	:					NC	N/A
For all teacher counts entered in item 2 INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teachers INCLUDE these types of teachers Itinerant teachers who teach	ers (e.g., speci s : part-time at tl	nis school	l Title I, art, mu	sic,	VIE253909	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education	mate ed in this item of teachers: source teacher n) tute teachers of teachers:	: s (e.g., special	education, Tit				NC	N/A
Provided By Special teacher counts entered in item 1 INCLUDE these types of teachers Regular Special area or resource teach physical education) Long-term substitute teachers INCLUDE these types of teachers Itinerant teachers who teach Employees reported in other teaching assignment at this	ers (e.g., specions s : : part-time at the part time at t	nis school	l Title I, art, mu	sic,	VICSMOS	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types	mate ed in this item of teachers: source teacher n) tute teachers of teachers: who teach pied in other ite	s (e.g., special art-time at thi ms of this sec	education, Tit	tle I, art, mus.	ic,		NC	N/A
For all teacher counts entered in item? INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teachers INCLUDE these types of teachers Include these types of teachers Include these types of teachers Employees reported in other teaching assignment at this.	ers (e.g., specions s : : part-time at the part time at t	nis school	l Title I, art, mu	sic,	VICS5999	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignme	mate ed in this item of teachers: source teacher n) tute teachers of teachers: who teach pied in other ite	s (e.g., special art-time at thi ms of this sec	education, Tit	tle I, art, mus.	ic,		NC	N/A
For all teacher counts entered in item? INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teacher INCLUDE these types of teachers Itinerant teachers who teach Employees reported in other teaching assignment at this	ers (e.g., specials s : : : : : : : : : : : : : : : : : :	nis school	l Title I, art, mu	sic,	V1C33099	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignme DO NOT INCLUDE: Student teachers	mate ed in this item of teachers: source teacher n) ute teachers of teachers: who teach pe ed in other ite ent at this sch	s (e.g., special art-time at thi ms of this sec	education, Tit	tle I, art, mus.	ic,		NC	N/A
For all teacher counts entered in item? INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teacher INCLUDE these types of teachers Include these types of teachers Include these types of teachers Employees reported in other teaching assignment at this and the teaching assignment at this substitute teachers	eners (e.g., specials s c part-time at the second of this second of this second of the	ais school section if they a	Title I, art, mu.	sic,	VIC:5999	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignme DO NOT INCLUDE: Student teachers Short-term substit	mate ed in this item of teachers: source teacher in) tute teachers of teachers: who teach pe ed in other ite ent at this sch	: s (e.g., special urt-time at thi ms of this sec ool	education, Til s school tion if they als	tle I, art, mus.	ic,		NC	N/A
For all teacher counts entered in item? INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teachers INCLUDE these types of teachers Include these types of teachers Employees reported in other teaching assignment at this. DO NOT INCLUDE: Student teachers Short-term substitute teachers	ers (e.g., specials s c part-time at the sechool rs e-kindergarten	ais school sction if they a or adult educ	Title I, art, mu. Ilso have a par ation me or part-tim	sic,	VIC:5999	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignmen DO NOT INCLUDE: Student teachers Short-term substit Teachers who teach	mate ed in this item of teachers: source teacher in) tute teachers who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre-i	s (e.g., special art-time at thi ms of this sec ool	education, Til s school tion if they als or adult educat S held full-tim	tle I, art, mus. to have a part-	ic,		NC	N/A
For all teacher counts entered in item 2 INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teachers INCLUDE these types of teachers Include these types of teachers Include these types of teachers Employees reported in other teaching assignment at this DO NOT INCLUDE: Student teachers Short-term substitute teacher Teachers who teach ONLY p.	ers (e.g., specials s c part-time at the sechool rs e-kindergarten	ais school sction if they a or adult educ	Title I, art, mu. Ilso have a par ation me or part-tim	sic,	VIES5098	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignme DO NOT INCLUDE: Student teachers Short-term substit Teachers who teac	mate ed in this item of teachers: source teacher in) tute teachers who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre-i	s (e.g., special art-time at thi ms of this sec ool	education, Til s school tion if they als or adult educat S held full-tim	tle I, art, mus. to have a part-	ic,		NC	N/A
Conterences 2017 Grade 8) For all teacher counts entered in item? INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teacher INCLUDE these types of teachers Itinerant teachers who teach Employees reported in other teaching assignment at this substitute teachers Student teachers Short-term substitute teacher Teachers who teach ONLY p 20. Around the first of October, how a positions or assignments in this substitutes are substituted teachers.	ers (e.g., specials s c part-time at the sechool rs e-kindergarten	ais school sction if they a or adult educ	Title I, art, mu. Ilso have a par ation me or part-tim	sic,	V1233098	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignmen DO NOT INCLUDE: Student teachers Short-term substit Teachers who teach 18. Around the first of Oct positions or assignmen a. Full-time	mate ed in this item of teachers: source teacher n) tute teachers of teachers: who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre- cober, how ma its in this scho	s (e.g., special art-time at thi ms of this sec ool	education, Til s school tion if they als or adult educat S held full-tim	tle I, art, mus. to have a part-	ic,		NC	N/A
For all teacher counts entered in item? INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teachers INCLUDE these types of teachers Include these types of teachers Interant teachers who teach Employees reported in other teaching assignment at this. DO NOT INCLUDE: Student teachers Short-term substitute teacher Teachers who teach ONLY p. 20. Around the first of October, how a positions or assignments in this s. a. Full-time	ers (e.g., specials s c part-time at the sechool rs e-kindergarten	ais school sction if they a or adult educ	Title I, art, mu. Ilso have a par ation me or part-tim	sic,	V1255998	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignme DO NOT INCLUDE: Student teachers Short-term substit Teachers who teac	mate ed in this item of teachers: source teacher n) tute teachers of teachers: who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre- cober, how ma its in this scho	s (e.g., special art-time at thi ms of this sec ool	education, Til s school tion if they als or adult educat S held full-tim	tle I, art, mus. to have a part-	ic,		NC	N/A
2017 Grade 8) For all teacher counts entered in item 1 INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teacher. INCLUDE these types of teachers Include these types of teachers Employees reported in other teaching assignment at this. DO NOT INCLUDE: Student teachers Short-term substitute teacher. Teachers who teach ONLY p. 20. Around the first of October, how positions or assignments in this s. a. Full-time Full-time teachers	ers (e.g., specials s c part-time at the sechool rs e-kindergarten	ais school sction if they a or adult educ	Title I, art, mu. Ilso have a par ation me or part-tim	sic,	VIE25098	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or resphysical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignment DO NOT INCLUDE: Student teachers Short-term substit Teachers who teach 18. Around the first of Oct positions or assignment a. Full-time	mate ed in this item of teachers: source teacher n) tute teachers of teachers: who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre- cober, how ma its in this scho	s (e.g., special art-time at thi ms of this sec ool	education, Til s school tion if they als or adult educat S held full-tim	tle I, art, mus. to have a part-	ic,		NC	N/A
For all teacher counts entered in item 1 INCLUDE these types of teachers Regular Special area or resource teac physical education) Long-term substitute teachers INCLUDE these types of teachers Employees reported in other teaching assignment at this. DO NOT INCLUDE: Student teachers Short-term substitute teacher Teachers who teach ONLY prositions or assignments in this seachers. A Full-time Full-time teachers	ers (e.g., specials s c part-time at the sechool rs e-kindergarten	ais school sction if they a or adult educ	Title I, art, mu. Ilso have a par ation me or part-tim	sic,	VIE35099	Issue: School Clir For all teacher counts entere INCLUDE these types Regular Special area or res physical education Long-term substit INCLUDE these types Itinerant teachers Employees reporte teaching assignmen DO NOT INCLUDE: Student teachers Short-term substit Teachers who teach 18. Around the first of Oct positions or assignmen a. Full-time Full-time	mate ed in this item of teachers: source teacher n) tute teachers of teachers who teach pe ed in other ite ent at this sch tute teachers ch ONLY pre- cober, how ma its in this sch in this sch	s (e.g., special art-time at thi ms of this sec ool	education, Til s school tion if they als or adult educat S held full-tim	tle I, art, mus. to have a part-	ic,		NC	N/A

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

20	19 Pilot Grade 8 Core School			
Previous item	2019 item	D/A/ R/NC+	Rationale	
21. Does your school or district offer tenure to teachers? ② Yes ③ No (2017 Grade 8)	19. Does your school, district, or diocese offer tenure to teachers? ① Yes ① No Issue: School Climate	R	This item was revised to include "diocese" as a source of tenure.	
22. Of the following categories of teachers who were full-time teachers at your school at the end of the last school year, what percentage stayed on as full-time teachers for this school year? Select one circle in each row. 0-10%	N/A	D	To create room in the questionnaire for new development and keep school administrator burden low, this item was dropped.	
23. In the last school year, how many full-time teachers were new to your school? If you answered 0, Question 24 is not applicable and will be skipped. (2017 Grade 8)	N/A	D	To create room in the questionnaire for new development and keep school administrator burden low, this item was dropped.	

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

7	2019 Pilot Grade 8 Core School							
Previous item	2019 item	D/A/ R/NC+	Rationale					
24. Of the full-time teachers who were new to your school last year, what percentage stayed on as full-time teachers for this school year? © 0-10% © 11-25% © 26-50% © 51-75% © 76-90% © Over 90%	N/A	D	To create room in the questionnaire for new development and keep school administrator burden low, this item was dropped.					
25. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire) Other digital devices (Please specify):	20. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. Desktop computers Laptop computers (including Chromebooks) Tablets (for example, Surface Pro, iPad, Kindle Fire) Other digital devices (Please specify):	ytts91899 NC	N/A					
26. What is the average age of the desktop computers in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know. (2017 Grade 8)		NC NC	N/A					
27. In your school, where are desktop computers available for students to work? Select all squares that apply. © In some classrooms © In all classrooms © In a media center © In a computer lab © In the school library © Other (Please specify):	22. In your school, where are desktop computers available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ③ In a computer lab ④ In the school library ⑤ Other (Please specify): Issue: Technology Use	NC NC	N/A					

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item	2019 item	D/A/ R/NC+	Rationale
28. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	23. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	NC NC	N/A
(2017 Grade 8)	Issue: Technology Use		
29. What is the average age of the laptop computers (including Chromebooks) in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know.	24. What is the average age of the laptop computers (including Chromebooks) in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know.	NC	N/A
(2017 Grade 8)	Issue: Technology Use		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item	2019 item		D/A/ R/NC+	Rationale
30. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ③ In a computer lab ④ In the school library ⑤ On mobile carts ⑤ Other (Please specify):	 25. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. In some classrooms In all classrooms In a media center In a computer lab In the school library On mobile carts Other (Please specify): 	VHS87122	NC	N/A
(2017 Grade 8)	Issue: Technology Use	VH3US02		
31. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.	26. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.		NC	N/A
(2017 Grade 8)	Issue: Technology Use			
32. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © feyears old or more © I don't know. (2017 Grade 8)	 27. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school? © Up to 2 years old ® More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know. Issue: Technology Use	VIESTES	NC	N/A
33. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire)		VH587131	NC	N/A
available for students to work? Select all squares that apply.	28. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select all squares that apply.			
In some classrooms	In some classrooms			
⑤ In all classrooms	In all classrooms			
© In a media center	© In a media center			
 ⑤ In a computer lab ⑤ In the school library 	In a computer lab			
	© In the school library			
On mobile carts	On mobile carts			

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item								2019 item	D/A/ R/NC+	Rationale
. In your school, is there a wireless Internet connection that students can use for schoolwork? ① Yes, everywhere or almost everywhere in the school. ① Yes, in some areas of the school. ② No					s can use for		VH617371	29. In your school, is there a wireless Internet connection that students can use for schoolwork? ② Yes, everywhere or almost everywhere in the school. ③ Yes, in some areas of the school. ③ No Issue: Technology Use	NC NC	N/A
This school year, did yeand tablets used in this Yes, we are partneri Yes, we have techni No 17 Grade 8)	s school? ing with a	provider out	side the scl		s for compute	ers	VII6/17375	N/A	D	To create room in the questionnai for new developmer and keep school administrate burden low, this item wadropped.
36. How often do teacl	hers do the	About	About	About	1		VISITAN	N/A	D	To create room in the
	Never	once or rwice a year	once or twice a month	once or twice a week	Every day or almost every day	Several times a day				questionnai
Teach jointly as a team in the same class	(4)	0	0	Φ	Φ	Φ	YHRMAIO			for new
b. Observe other teachers' classes and provide feedback	3	do-	0	· 60	Ф	Φ	Assistra			development
or Common Sal	8	0	0	@	- θ	Ф	VESTILIN			school administrato burden low,
e. Engage in discussions about the learning development of specific students		9 = 1								this item was

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

2019 Pilot Grade 8 Core School						
Previous item	2019 item				D/A/ R/NC+	Rationale
N/A	10. Are the following factors considered when students school? Select one circle in each row.	dents are admitted to	your	VH812914	Α	This item was
		Yes	No			
	a. Student's record of academic performance	®	10	VH812915		provide
	b. Student's scores on an admission test	®	(3)	VH812917		additional
	c. Recommendation of the students' prior schools	0	(8)	VH812918		contextual
	d. Parents' agreement with the instructional or religious philosophy of the school	0	(8)	VH812919		information.
	e. Whether the student requires a special program	0	(1)	VH812920		
	f. Whether the student is interested in a special program	0	(5)	VH858971		
	g. Preference given to family members of current or former students	0	•	VH812921		
	h. Residence in a particular area	®	(8)	VH812922		
	 Qualitative information obtained from the student (e.g., student essays or interviews) 	0	(5)	VH812923		
	j. Other (please specify):	®	0	VH812924		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3h: Pilot Grade 8 Core

1.	What	10	770111	0037
1.	vviiat	13	your	SUA:

- Male
- Female

2. What grades are taught in your school? Select all squares that apply.

- Pre-kindergarten
- ® Kindergarten
- O 1st grade
- ② 2nd grade
- © 3rd grade
- ① 4th grade
- © 5th grade
- (19) 6th grade
- ① 7th grade
- ① 8th grade
- © 9th grade
- ① 10th grade
- □ 11th grade
- 12th grade

3.	Ca:	n your school be described by any of the following? Select all squares that apply. Elementary school
	B	Middle or junior high school
	0	Secondary school
	(Regular school with a magnet program
	(E)	A magnet school or a school with a special program emphasis, e.g., science/mathematics
		school, performing arts school, talented/gifted school, foreign language immersion school
	Ð	Special education school: primarily serves students with disabilities
	©	Alternative school: offers a curriculum designed to provide alternative or nontraditional
	\oplus	education, not clearly categorized as regular, special, or vocational education Private independent school
	Φ	Private religiously affiliated school
	О	Independent charter school

 ${\color{blue} oldsymbol{\odot}}$ Charter school administered by local school district

Other (Please specify):

4.	Please identify the organization(s) listed below to which your school is most closely affiliated. Select all squares that apply.	
	American Association of Christian Schools	
	® Association of Christian Schools International	
	© Christian Schools International	
	National Association of Episcopal Schools	
	© National Association of Independent Schools	
	National Catholic Educational Association	
	© National Society of Hebrew Day Schools	
	The Association of Boarding Schools	
	Other (Please specify):	
	 Not affiliated with any organization 	
5.	What is the current enrollment in your school?	VH253912
6.	Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	
	a 0%	
	® 1–5%	
	© 6–10%	
	© 11–25%	
	© 26–50%	
	© 51–75%	
	© 76–90%	
	① Over 90%	

			VH892143
7.	Ap	proximately what percentage of eighth-graders in your school is new this year?	
	(A)	0%	
	$^{ ext{ B}}$	1–2%	
	0	3–5%	
	0	6–10%	
	(E)	More than 10%	
			VH240214
8.		out what percentage of this year's eighth-graders was held back and is repeating hth grade?	
	lack	0%	
	lacktriangle	1–2%	
	0	3–5%	
	0	6–10%	
	(E)	More than 10%	
			VH240212
9.		out what percentage of your teachers is absent on an average day? (Include all ences in calculating this rate.)	
	(A)	0-2%	
	lacktriangle	3–5%	
	0	6–10%	
	0	More than 10%	

10. Are the following factors considered when students are admitted to your school? Select **one** circle in each row.

		Yes	No	
a.	Student's record of academic performance	A	®	VH812915
b.	Student's scores on an admission test	A	®	VH812917
c.	Recommendation of the students' prior schools	(A)	®	VH812918
d.	Parents' agreement with the instructional or religious philosophy of the school	(9)	®	VH812919
e.	Whether the student requires a special program	®	®	VH812920
f.	Whether the student is interested in a special program	®	®	VH858971
g.	Preference given to family members of current or former students	(A)	®	VH812921
h.	Residence in a particular area	(A)	®	VH812922
i.	Qualitative information obtained from the student (e.g., student essays or interviews)	®	®	VH812923
j.	Other (please specify):	®	®	VH812924

11.	Does your school	participate in	n the National	l School Lunch	Program?
-----	------------------	----------------	----------------	----------------	----------

A Yes

® No

VH240216

12. How does the school operate the program?

- ② Student eligibility is determined individually, and eligible students receive free or reduced-price lunch.
- (a) All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).

- **13.** During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?
 - **a** 0%
 - ® 1-5%
 - © 6-10%
 - ① 11-25%
 - © 26-34%
 - © 35-50%
 - © 51-75%
 - ⊕ 76–99%
 - ① 100%

- **14.** Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)
 - A No
 - ® Yes, our school receives funds, which are targeted to eligible students.
 - © Yes, our school receives funds, which are used for schoolwide purposes.

15. Approximately what percentage of students in your school receives the following services? Select one circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.

	None	1–5%	6–10%	11–25%	26–50%	51–75%	76–90%	Over 90%	
a. Targeted Title I services	A	®	0	0	Œ	Ð	©	Θ	VH241931
b. Gifted and talented program	(A)	B	0	0	Ē	Ē	©	⊕	VH241922
c. English-as-a-second-language (not in a bilingual education program)	(4)	®	0	0	©.	©	0	Θ	VH241924
d. Special education	A	®	0	0	Ē	Ē	©	Θ	VH241925

- 16. During a typical week of school, what is the total number of regularly scheduled volunteers, including parents, working in the school?
 - A 0
 - **®** 1–5
 - © 6-10
 - ① 11-15
 - © 16-25
 - © More than 25

17. Approximately what percentage of students in your school have parents or guardians who do each of the following activities? Select **one** circle in each row.

	Not applicable	0–10%	11–25%	26–50%	Over 50%	
a. Volunteer regularly to help in the classroom or another part of the school	®	®	©	0	©.	VH241940
b. Attend teacher–parent conferences	(A)	®	0	0	Œ	VH241939

VH253959

For all teacher counts entered in this item:

INCLUDE these types of teachers:

- Regular
- Special area or resource teachers (e.g., special education, Title I, art, music, physical education)
- Long-term substitute teachers

INCLUDE these types of teachers:

- Itinerant teachers who teach part-time at this school
- Employees reported in other items of this section if they also have a part-time teaching assignment at this school

DO NOT INCLUDE:

- Student teachers
- Short-term substitute teachers
- Teachers who teach ONLY pre-kindergarten or adult education
- **18.** Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? *If none, mark (0) in the boxes.*

a. Full-time	
	Full-time teachers
b. Part-time	
	Part-time teachers

19. Does your school, district, or diocese offer tenure to teachers?	
A Yes	
® No	
	VIII.201000
20. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply.	VH591899
Desktop computers	
® Laptop computers (including Chromebooks)	
© Tablets (for example, Surface Pro, iPad, Kindle Fire)	
Other digital devices (Please specify):	
	VH587116
21. What is the average age of the desktop computers in your school?	
⊕ Up to 2 years old	
More than 2 years but less than 4 years old	
More than 4 years but less than 6 years old	
① 6 years old or more	
© I don't know.	

V	H3	42	887

22.	In your school, where are desktop computers available for students to work? Select all squares that apply.				
	(A)	In some classrooms			
	$^{ ext{ B}}$	In all classrooms			
	0	In a media center			
	(In a computer lab			
	(E)	In the school library			
	(Ē)	Other (Please specify):			
			VH587118		
23.		nat is the total number of laptop computers (including Chromebooks) available students in your school? Enter the number of laptop computers.			
	П				
	Ш				
			VH587129		
24.		nat is the average age of the laptop computers (including Chromebooks) in your nool?			
	(A)	Up to 2 years old			
	$^{\textcircled{B}}$	More than 2 years but less than 4 years old			
	0	More than 4 years but less than 6 years old			
	(6 years old or more			
	(E)	I don't know.			

VH587122

25.	In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply.	
	In some classrooms	
	In all classrooms	
	© In a media center	
	① In a computer lab	
	© In the school library	
	© On mobile carts	
	© Other (Please specify):	
		VH311502
26.	What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.	
		VH587138
27.	What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school?	
	① Up to 2 years old	
	® More than 2 years but less than 4 years old	
	© More than 4 years but less than 6 years old	
	© 6 years old or more	
	© I don't know.	

V	H5	27	1	3	1

28.	In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire)
	available for students to work? Select all squares that apply.

_	-		1	ı
(A)	In	some	C	lassrooms

B	In	a11	classroom	ms
<u> </u>	111	all	CIASSIUUI	LIIO

- © In a media center
- In a computer lab
- © In the school library
- © On mobile carts

G	Other (Please	specify):	
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- **29.** In your school, is there a wireless Internet connection that students can use for schoolwork?
 - Yes, everywhere or almost everywhere in the school.
 - ® Yes, in some areas of the school.
 - © No

Appendix K-3i: Summary of Changes Operational Grade 12 Core

2019	Operational Grade 12 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
VITI229	VH11259	NC	N/A
1. What is your sex?	1. What is your sex?		,
Male			
⑤ Female	Female		
(2018 Grade 12)	Issue: Gender		
VILENCE 2. What grades are taught in your school? Select all squares that apply.	VIDAUSE 2. What grades are taught in your school? Select all squares that apply.	NC	N/A
Pre-kindergarten			
Kindergarten	© Pre-kindergarten		
© Ist grade	® Kindergarten		
② 2nd grade	© 1st grade		
© 3rd grade	© 2nd grade		
① 4th grade	© 3rd grade		
© 5th grade	① 4th grade		
® 6th grade	© 5th grade		
⊕ 7th grade	6th grade		
② 8th grade	① 7th grade		
◎ 9th grade	② 8th grade		
© 10th grade	© 9th grade		
© 11th grade	© 10th grade		
® 12th grade			
a 1 vett Etane	 11th grade 12th grade 		
(2018 Grade 12)	January Calculation		
VID4083	Issue: School Climate	n D	The "Other
3. Can your school be described by any of the following? Select all squares that apply.	3. Can your school be described by any of the following? Select all squares that apply.	″ R	The "Other
© Elementary school	□ Elementary school		(Please
Middle or junior high school	Middle or junior high school		specify)"
© Secondary school			
Regular school with a magnet program	© Secondary school		response
A magnet school or a school with a special program emphasis, e.g., science/mathematics school, performing arts school, talented/gifted school, foreign language immersion school	Regular school with a magnet program		option was
school, performing arts school, talented/gitted school, toreign language immersion school Description school: primarily serves students with disabilities	A magnet school or a school with a special program emphasis, e.g., science/mathematics		removed. This
	school, performing arts school, talented/gifted school, foreign language immersion school		
 Alternative school: offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special, or vocational education 	 Special education school: primarily serves students with disabilities 		response
Private independent school	Alternative school: offers a curriculum designed to provide alternative or nontraditional		option is only
Private religiously affiliated school	education, not clearly categorized as regular, special, or vocational education		used in pilot
① Independent charter school	Private independent school		
Charter school administered by local school district			administratio
Other (Please specify):	Private religiously affiliated school		ns.
	Independent charter school		
	Charter school administered by local school district		
(2018 Grade 12)	Issue: School Climate		

Previous item	2019 item		D/A/ R/NC+	Rationale	
4. Please identify the organization(s) listed below to which your school is most closely affiliated. Select all squares that apply. American Association of Christian Schools Association of Christian Schools International Christian Schools International National Association of Episcopal Schools National Association of Independent Schools National Catholic Educational Association National Society of Hebrew Day Schools The Association of Boarding Schools Other (Please specify): Not affiliated with any organization	4. Please identify the organization(s) listed below to which your school is most closely affiliated. Select all squares that apply. American Association of Christian Schools Association of Christian Schools International Christian Schools International National Association of Episcopal Schools National Association of Independent Schools National Catholic Educational Association National Society of Hebrew Day Schools The Association of Boarding Schools Not affiliated with any organization	V18-9731	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administratio	
(2018 Grade 12)	Issue: School Climate			ns.	
5. What is the current enrollment in your school? [2018 Grade 12)	5. What is the current enrollment in your school? Ssue: School Climate	VH253912.	NC	N/A	
6. Approximately what percentage of twelfth-graders in your school is new this year? [2018 Grade 12]	7. Approximately what percentage of twelfth-graders in your school is new this year?	VID5948	NC	N/A	
7. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient? © 0% © 1-5% © 6-10% © 11-25% © 26-50% © 51-75% © 76-90% © Over 90%		VH24/208	NC	N/A	
(2018 Grade 12)	Issue: School Climate				

2019 O	perational Grade 12 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
8. Last school year, approximately what percentage of students at your school enrolled after the first day of school? © 0% © 1-3% © 4-6% © 7-10% © 11-20% © Over 20%	8. Last school year, approximately what percentage of students at your school enrolled after the first day of school? © 0% © 1–3% © 4–6% © 7–10% © 11–20% © Over 20%	NC	N/A
(2018 Grade 12)	Issue: School Climate		
9. Last school year, approximately what percentage of students at your school left before the end of the school year? © 0% © 1–3% © 4–6% © 7–10% © 11–20% © Over 20% (2018 Grade 12)	 9. Last school year, approximately what percentage of students at your school left before the end of the school year? © 0% © 1–3% © 4-6% © 7-10% © 11–20% © Over 20% 	NC	N/A
10. About what percentage of your students is absent on an average day? (Include excused and unexcused absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10%	Issue: School Climate N/A	D	Due to content overlap with student questionnaire content and to keep school administrator burden low, this item was
(2018 Grade 12)			dropped.

2019 Օր	perational Grade 12 Core School		
Previous item	2019 item	D/A/ R/NC+	Rationale
11. About what percentage of your teachers is absent on an average day? (Include all absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10% (2018 Grade 12)	10. About what percentage of your teachers is absent on an average day? (include all absences in calculating this rate.) © 0-2% © 3-5% © 6-10% More than 10% Issue: School Climate	NC	N/A
12. Does your school participate in the National School Lunch Program? ① Yes ① No (2018 Grade 12)	11. Does your school participate in the National School Lunch Program? The Yes No Issue: Socioeconomic Status	NC	N/A
13. How does the school operate the program? Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. All students in school receive free lunch under special provisions (e.g., Provision 2 or 3). (2018 Grade 12)	12. How does the school operate the program? Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. All students in school receive free lunch under special provisions (e.g., Provision 2 or 3). Issue: Socioeconomic Status	NC	N/A
14. If your school distributes free lunch to all students under Provision 2 or 3, what was the base year during which individual student eligibility was collected? ① This school does not distribute free lunch to all students under Provision 2 or 3—eligibility is determined annually. ② 2017 ② 2016 ② 2015 ② 2014 ② 2013 ② 2012 or earlier	N/A	D	Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement, this item was dropped.

Previous ite	m									2019 item										D/A/ R/NC+	Rationale			
15. During this sch eligible to recei Program?								h	VH240215	13. During this sche eligible to receiv Program?								h	VIID40218	NC	N/A			
© 0%										◎ 0%														
□ 1–5%										□ 1–5%														
© 6-10%										© 6-10%														
© 11-25%										© 11-25%														
© 26-34%										© 26-34%														
O 35-50%																								
© 51-75%										© 35–50%														
® 76-99%										© 51-75%														
O 100%										₩ 76-99%														
										O 100%														
(2018 Grade	12)									Issue: Socioe	conor	nic St	atus											
16. Does your scho provides educarchildren who li No Yes, our sch Yes, our sch	ional serve in area ool receivool receivool receiv	vices, suc ns with h ves funds ves funds	ch as remeigh concer s, which at	edial readi ntrations of re targetec re used for	ng or rem of low-inc d to eligib r schoolw	edial matl come fami le student ide purpos	h, to lies.) ss.			14. Does your school provides education children who live No Yes, our school Yes, our school Issue: Socioe	onal serve in areas ool receiv	rices, such s with hig wes funds, wes funds, mic St	which are which are	lial readin trations o targeted used for	ng or reme d low-inco to eligible schoolwie	edial math ome famil e students de purpos	i, to ies.) i.		Vertrain					
17. Approximately one circle in e service they re services as of the services as of the services are services as of the services as of the services are s	ich row. S ceive. Ple	Students case repoi	who receiv t the perc	ve more the entage of	han one so students v	ervice shot	uld be com	nted for	each	15. Approximately one circle in each service they reconservices as of the	ch row, St cive. Plea	tudents w ise report	the percer	more that stage of st	in one ser udents wl	vice shoul	d be count	ted for ea	ich	R	Due to a lack of response variability ar			
	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%			None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%			to keep			
a. Targeted Title I services	®	Φ.	0	00	0	0	0	0	VIDALISAL	a. Targeted Title I services	0	@	0	0	Θ	Ф	0	⊕	VH2419A1		school			
b. Gifted and talented program	Ø	0	0	0	Ф	Φ	0	Θ	VHZ41925	b. Gifted and talented program	0	®	0	Ф	Ф	Ø	@	0	VH341923		administrato			
c. Instruction provided in student's home language (non-English)	69	©	0	0	Φ	9	0	(III)	V#8243/924	c. English-as-a- second-language (not in a bilingual education program)	0	Φ	8	0	θ	8	0	@	V91241924		sub-item c. was dropped.			
f m for		Φ	0	0	Φ	Θ	0	Φ	Militaria	d. Special education	0	®	0	0	Ф	Ð	0	0	VH241925					
d. English-as-a- second-language (not in a bilingual advention	0																				1			
second-language (not in a	9	0	0	0	9	θ	0	9	VPERIVES															

							201	9 Op	erational Gra	de 1	2 Cor	re Sch	nool						
Previous item									2019 item									D/A/ R/NC+	Rationale
18. Of the students doing each of th	in last yea e followin	ır's graduati g? Select o r	ing class, a ne circle in	pproximate each row.	ely what per	rcentage is	6	VICEINE	16. Of the students in last year's graduating class, approximately what percentage is doing each of the following? Select one circle in each row.									NC	N/A
	0-5%	6-10%	11-25%	26-50%	51-75%	Over 75%	I don't know.			0-5%	6–10%	11-25%	26-50%	51-75%	Over 75%	I don't know.			
a. Attending a two-year college	0	0	0	0	Ф	0	@	VHQLICVIA	Attending a two-year college	0	3	0	0	0	0	0	V11241433		
b. Attending a four-year college	(3)	0	0	0	0	Ф	@	VHEMENSS	b. Attending a four-year college	0	0	0	0	0	0	0	VH241935		
c. Attending a vocational- technical or business	8	®	9	9	Θ	0	0	Andrethre	c. Attending a vocational-technical or business school	0	•	60	0	Ð	0	@	VHD41931		
school Norking for pay	®	®	0	0	Ф	0	0	VIII24(937	d. Working for pay	0	0	0	0	0	Ф	0	VH241937		
e. Serving in the military (excluding ROTC and military academies)	9	•	0	0	9	0	9	Antique	e. Serving in the military (excluding ROTC and military academies)	Φ	@	0	Φ.	Ð	Φ	9	VIDATEM:		
19. Does your school basis? Select one	circle in	each row.		Yes	22.0	No			17. Does your school of basis? Select one cit			1	Yes	1	No			NC	N/A
i. Career and techni				•		0		VII741200	a. Career and technical	education	workshop	os	Ø		(II)		VH74 CLOU		
. Career counseling . Job placement ser		or programs		®		0		V21741201 V21741202	b. Career counseling ser		rograms		@		0		VH741201		
. Career days or job				9		9		VH741203	Job placement service d. Career days or job fai			-	®	-	9		VH741202 VH741203		
e. Career or employs workshops	ment readi	iness		®		ⅎ		VH74)204	e. Career or employmen workshops		ss		0		0		VH741204		
2018 Grade	12)								Issue: School Cl	imate									
20. During a typical volunteers, inclu					of regularly	scheduled		VHD40C20	18. During a typical we volunteers, includin					regularly s	scheduled		VII240220	NC	N/A
② 0 ③ 1–5									© 0 © 1-5										
© 6-10									© 6-10										
Φ 11-15									© 11-15										
© 16-25									© 16-25										
More than 25									More than 25										

					201	9 Op	erational Grad	le 12 C	ore Sc	hool					
Previous item							2019 item	D/A/ R/NC+	Rationale						
21. Approximately what j who do each of the fo	percentage of s Howing activit	tudents in yo ies? Select o r	our school hav ne circle in eac	e parents or g	uardians	VH241938	19. Approximately what p who do each of the fol	ercentage of s lowing activit	tudents in yo ies? Select or	our school have ne circle in eac	e parents or g h row.	uardians	VH24193X	NC	N/A
	Not applicable	0-10%	11-25%	26-50%	Over 50%	1.1		Not applicable	0-10%	11-25%	26-50%	Over 50%			
Volunteer regularly to help in the classroom or another part of the school	0	©	0	9	Φ	VH241940	Volunteer regularly to help in the classroom or another part of the school	•	•	0	Φ	Φ	VH241940		
 Attend teacher-parent conferences 	Ø	1	0	0	Ð	V11541939	b. Attend teacher-parent conferences	Ø	(3)	0	Ф	Φ	VPE)419.09		
(2018 Grade 12)							Issue: School Clin	nate							
For all teacher counts ente. INCLUDE these type Regular Special area or rephysical educati Long-term subst. INCLUDE these type Itinerant teachers Employees reporteaching assignm DO NOT INCLUDE: Student teachers	VRMINGS	For all teacher counts entered in this item: INCLUDE these types of teachers: Regular Special area or resource teachers (e.g., special education, Title I, art, music, physical education) Long-term substitute teachers INCLUDE these types of teachers: Itinerant teachers who teach part-time at this school Employees reported in other items of this section if they also have a part-time teaching assignment at this school								N/A					
Short-term subst Teachers who tea Around the first of Octoor positions or assignment as Full-time Full-time Full-time	me		Student teachers Short-term substite Teachers who teac Around the first of Octoor positions or assignment a. Full-time Full-time												
	me teachers						b. Part-time Part-tim								
(2018 Grade 12) 23. Does your school, dist © Yes © No	trict, or dioces	e offer tenure	to teachers?		h	VRS27405	21. Does your school, distr Yes No		offer tenure	to teachers?			V1847@0	NC	N/A
(2018 Grade 12)							Issue: School Clin	nate							

2019 Operational Grade 12 Core School										
Previous item								2019 item	D/A/ R/NC+	Rationale
24. Of the following control the end of the last this school year? S a. Non-tenured teachers who had taught for at least one year b. Tenured teachers (2018 Grade 1	0-10%	teachers wh what perceive in each in e	o were full-tntage stayed row. 26–50% ©	ime teacher on as full-ti	s at your scheme teachers 76-90% ©	Over 90%	V2G41941 V2G41942	N/A	D	Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement, this item was
25. In the last school y		any full-tíme	e teachers w	ere new to y	rour school?		VIES4012	N/A	D	dropped. Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement, this item was dropped.

2019 Operational Grade 12 Core School							
Previous item	2019 item	D/A/ R/NC+	Rationale				
26. Of the full-time teachers who were new to your school last year, what percentage stayed on as full-time teachers for this school year? © 0–10% © 11–25% © 26–50% © 51–75% © 76–90% © Over 90% (2018 Grade 12)	N/A	D	Due to the substantial time burden associated with completing this item and a lack of a clear relationship to achievement, this item was dropped.				
27. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. © Desktop computers © Laptop computers (including Chromebooks) © Tablets (for example, Surface Pro, iPad, Kindle Fire) © Other digital devices (Please specify):	22. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. © Desktop computers © Laptop computers (including Chromebooks) © Tablets (for example, Surface Pro, iPad, Kindle Fire)	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot				
(2018 Grade 12)	Issue: Technology Use		administratio ns.				

Previous item	2019 item		D/A/ R/NC+	Rationale
28. What is the average age of the desktop computers in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © I don't know. (2018 Grade 12)	23. What is the average age of the desktop computers in your school? © Up to 2 years old © More than 2 years but less than 4 years old © More than 4 years but less than 6 years old © 6 years old or more © 1 don't know. Issue: Technology Use	VHOSTILE	NC	N/A
29. In your school, where are desktop computers available for students to work? Select all squares that apply. © In some classrooms © In all classrooms © In a media center © In a computer lab © In the school library © Other (Please specify): (2018 Grade 12)		VIIIsono	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administratio
30. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers. [2018 Grade 12]	- ·	VHSSTIII	NC	ns. N/A
31. What is the average age of the laptop computers (including Chromebooks) in your school? © Up to 2 years old D More than 2 years but less than 4 years old D More than 4 years but less than 6 years old D 6 years old or more D I don't know.	97	V3ES87129	NC	N/A

2019	2019 Operational Grade 12 Core School								
Previous item	2019 item		D/A/ R/NC+	Rationale					
32. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. © In some classrooms © In all classrooms © In a media center © In a computer lab © In the school library © On mobile carts © Other (Please specify): (2018 Grade 12)	27. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. ② In some classrooms ③ In all classrooms ③ In a media center ③ In a computer lab ④ In the school library ③ On mobile carts	V11899204	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administrations.					
•	Issue: Technology Use	VH314502	NC	21/2					
33. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets. [2018 Grade 12]	28. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.		NC	N/A					
	Issue: Technology Use	VH281138	NC	N/A					
34. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school?	29. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school?			,					
⊕ Up to 2 years old	♥ Up to 2 years old								
More than 2 years but less than 4 years old	More than 2 years but less than 4 years old								
© More than 4 years but less than 6 years old	More than 4 years but less than 6 years old								
b years old or more	6 years old or more								
① Idon't know.	① I don't know.								
(2018 Grade 12)	Issue: Technology Use								
35. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire)	20. In proceedings of the control of	V1860193	R	The "Other					
available for students to work? Select all squares that apply.	 In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select all squares that apply. 			(Please					
	In some classrooms			specify)"					
To all classrooms	In all classrooms			1 ' ' '					
© In a media center	© In a media center			response					
In a computer lab	In a computer lab			option was					
In the school library	In the school library			removed. This					
On mobile carts	① On mobile carts								
Other (Please specify):	Sal movino corto			response					
(2018 Grade 12)	Issue: Technology Use			option is only used in pilot					

						201	9 Op	erational Grade 12 Core School		
Previous item								2019 item	D/A/ R/NC+	Rationale
										administrations.
36. In your school, is there a wireless Internet connection that students can use for schoolwork? ② Yes, everywhere or almost everywhere in the school. ③ Yes, in some areas of the school. ③ No					s can use for		у нат771	31. In your school, is there a wireless Internet connection that students can use for schoolwork? Solve Yes, everywhere or almost everywhere in the school. Yes, in some areas of the school. No	NC	N/A
(2018 Grade 12	2)							Issue: Technology Use		
(2018 Grade 12) 37. This school year, did your school offer technical support to teachers for computers and tablets used in this school? ① Yes, we are partnering with a provider outside the school. ① Yes, we have technical support staff in the school. ② No (2018 Grade 12)				s for comput	ers		N/A	D	Due to a lack of a clear relationship to achievement and low response variability, this item was dropped.	
38. How often do teach		About	About	About	Every day	Several	V(Di) 494	N/A	D	Due to a lack of a clear
	Never	once or twice a year	once or twice a month	once or twice a week	or almost every day	times a day				relationship to
Teach jointly as a team in the same class	0	0	9	0	θ	0	VH311410			achievement
 Observe other teachers' classes and provide feedback 	0	0	0	0	θ	0	VIGUAL			and low response
c. Engage in discussions about the learning development of specific students	0	0	θ	Φ	θ	Θ	VI5511414			variability, this item was
d. Work with other teachers during common planning times to ensure common standards	•	9	9	θ	θ	θ	VIG11415			dropped.

Appendix K-3j: Operational Grade 12 Core

V	H7	122	50

-	TT71 .			-
Ι.	What	18	vour	sex
	111111	10	,	0021.

- Male
- Female

- 2. What grades are taught in your school? Select all squares that apply.
 - Pre-kindergarten
 - ® Kindergarten
 - O 1st grade
 - ② 2nd grade
 - © 3rd grade
 - ① 4th grade
 - © 5th grade
 - (19) 6th grade
 - ① 7th grade
 - ① 8th grade
 - © 9th grade
 - ① 10th grade
 - □ 11th grade
 - 12th grade

- 3. Can your school be described by any of the following? Select all squares that apply.
 - Elementary school
 - Middle or junior high school
 - © Secondary school
 - Regular school with a magnet program
 - © A magnet school or a school with a special program emphasis, e.g., science/mathematics school, performing arts school, talented/gifted school, foreign language immersion school
 - © Special education school: primarily serves students with disabilities
 - © Alternative school: offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special, or vocational education
 - Private independent school
 - Private religiously affiliated school
 - Independent charter school
 - © Charter school administered by local school district

- **4.** Please identify the organization(s) listed below to which your school is most closely affiliated. Select **all** squares that apply.
 - American Association of Christian Schools
 - Association of Christian Schools International
 - © Christian Schools International
 - National Association of Episcopal Schools
 - © National Association of Independent Schools
 - National Catholic Educational Association
 - © National Society of Hebrew Day Schools
 - The Association of Boarding Schools
 - Not affiliated with any organization

V	H25	391	12

		VH253912
5.	What is the current enrollment in your school?	
		VH240208
6.	Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?	
	® 0%	
	® 1–5%	
	© 6-10%	
	© 11–25%	
	© 26-50%	
	© 51–75%	
	© 76–90%	
	® Over 90%	
_		VH253948
7.	Approximately what percentage of twelfth-graders in your school is new this year?	
		VH240209
8.	Last school year, approximately what percentage of students at your school enrolled after the first day of school?	V112-4020)
	② 0%	
	® 1–3%	
	© 4–6%	
	© 7–10%	
	© 11-20%	
	© Over 20%	

9.		st school year, approximately what percentage of students at your school left fore the end of the school year?	
	(A)	0%	
	®	1–3%	
	0	4–6%	
	(7–10%	
	Œ	11–20%	
	Ð	Over 20%	
10.		out what percentage of your teachers is absent on an average day? (Include all sences in calculating this rate.)	VH24021
	\bigcirc	0–2%	
	B	3–5%	
	0	6–10%	
	(More than 10%	
			VH24021
11.		es your school participate in the National School Lunch Program?	
	lack	Yes	
	B	No	
			VH24021
12.		ow does the school operate the program?	
	(A)	Student eligibility is determined individually, and eligible students receive free or reduced-price lunch.	
	®	All students in school receive free lunch under special provisions (e.g., Provision 2 or 3).	

- **13.** During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?
 - **a** 0%
 - ® 1-5%
 - © 6-10%
 - ① 11-25%
 - © 26-34%
 - © 35-50%
 - © 51-75%
 - ⊕ 76–99%
 - ① 100%

- **14.** Does your school receive Title I funding? (Title I is a federally funded program that provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)
 - A No
 - ® Yes, our school receives funds, which are targeted to eligible students.
 - © Yes, our school receives funds, which are used for schoolwide purposes.

15. Approximately what percentage of students in your school receives the following services? Select **one** circle in each row. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.

		None	1–5%	6–10%	11–25%	26–50%	51–75%	76–90%	Over 90%	
a.	Targeted Title I services	A	®	0	0	(E)	Ē	©	\oplus	VH241931
b.	Gifted and talented program	(4)	B	0	Θ	Œ	Ē	6	\oplus	VH241922
c.	English-as-a- second-language (not in a bilingual education program)	(4)	®	0	Θ	©	Θ	0	Φ	VH241924
d.	Special education	A	®	0	0	Œ	Ē	©	\oplus	VH241925

16. Of the students in last year's graduating class, approximately what percentage is doing each of the following? Select **one** circle in each row.

		0–5%	6–10%	11–25%	26–50%	51-75%	Over 75%	I don't know.	
a.	Attending a two-year college	(A)	(6)	0	0	Œ	Ð	©	VH241933
b.	Attending a four-year college	A	ഀ	0	0	Ē	Ð	©	VH241935
c.	Attending a vocational-technical or business school	(A)	®	0	0	Œ	Ð	©	VH241934
d.	Working for pay	(A)	®	0	0	Œ	(Ē)	©	VH241937
e.	Serving in the military (excluding ROTC and military academies)	(A)	®	0	0	©.	©	©	VH241936

17. Does your school offer any of the following services to students on a regular basis? Select **one** circle in each row.

	Yes	No	
a. Career and technical education workshops	A	®	VH741200
b. Career counseling services or programs	A	®	VH741201
c. Job placement services	(A)	®	VH741202
d. Career days or job fairs	(A)	®	VH741203
e. Career or employment readiness workshops	(A)	®	VH741204

VH240220

- **18.** During a typical week of school, what is the total number of regularly scheduled volunteers, including parents, working in the school?
 - **(A)** 0
 - ® 1-5
 - © 6-10
 - ① 11-15
 - © 16-25
 - © More than 25

VH241938

19. Approximately what percentage of students in your school have parents or guardians who do each of the following activities? Select **one** circle in each row.

		Not applicable	0–10%	11–25%	26–50%	Over 50%	
help in	er regularly to the classroom ner part of the	(A)	®	©	•	©.	VH241940
b. Attend conferen	teacher–parent nces	(A)	®	0	0	Œ	VH241939

For all teacher counts entered in this item:

INCLUDE these types of teachers:

- Regular
- Special area or resource teachers (e.g., special education, Title I, art, music, physical education)
- Long-term substitute teachers

INCLUDE these types of teachers:

- Itinerant teachers who teach part-time at this school
- Employees reported in other items of this section if they also have a part-time teaching assignment at this school

DO NOT INCLUDE:

- Student teachers
- Short-term substitute teachers
- Teachers who teach ONLY pre-kindergarten or adult education
- 20. Around the first of October, how many TEACHERS held full-time or part-time positions or assignments in this school? *If none, mark (0) in the boxes*.a. Full-time

	Full-time teachers
b. Part-time	
	Part-time teachers

- **21.** Does your school, district, or diocese offer tenure to teachers?
 - A Yes
 - ® No

			VH860698
22.		this school year, which of the following types of computers or other digital vices are available in your school for student use? Select all squares that apply.	
	(A)	Desktop computers	
	₿	Laptop computers (including Chromebooks)	
	0	Tablets (for example, Surface Pro, iPad, Kindle Fire)	
			VH587116
23.	Wl	nat is the average age of the desktop computers in your school?	
	lack	Up to 2 years old	
	®	More than 2 years but less than 4 years old	
	0	More than 4 years but less than 6 years old	
	0	6 years old or more	
	(E)	I don't know.	
			VH860699
24.		your school, where are desktop computers available for students to work? Select squares that apply.	
	(A)	In some classrooms	
	$^{ ext{ B}}$	In all classrooms	
	0	In a media center	
	0	In a computer lab	
	(E)	In the school library	

	VH587118
25. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers.	
	VH587129
26. What is the average age of the laptop computers (including Chromebooks) in your school?	
⊕ Up to 2 years old	
More than 2 years but less than 4 years old	
More than 4 years but less than 6 years old	
© 6 years old or more	
① I don't know.	
	VH860700
27. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply.	
In all classrooms	
© In a media center	
© In the school library	
© On mobile carts	
	VH311502
28. What is the total number of tablets (for example, Surface Pro, iPad, Kindle Fire) available for students in your school? Enter the number of tablets.	

VIL	1507	120

			VH587138
29.		nat is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) your school?	
	\bigcirc	Up to 2 years old	
	®	More than 2 years but less than 4 years old	
	0	More than 4 years but less than 6 years old	
	0	6 years old or more	
	(E)	I don't know.	
			VH860793
30.		your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire) tilable for students to work? Select all squares that apply.	
	(A)	In some classrooms	
	®	In all classrooms	
	0	In a media center	
	(In a computer lab	
	(E)	In the school library	
	Ð	On mobile carts	
			VH617371
31.		your school, is there a wireless Internet connection that students can use for coolwork?	V11017371
	(A)	Yes, everywhere or almost everywhere in the school.	
	®	Yes, in some areas of the school.	
	0	No	

Appendix K-3k: Summary of Changes Operational Grades 4, 8, & 12 Charter School

Previous item	2019 item	D/A/ R/NC+	Rationale	
1. Is your school a public charter school?	1. Is your school a public charter school?	NC	N/A	
(A charter school is a public school that, in accordance with an enabling state statute, has been granted a charter exempting it from selected state or local rules and regulations. A charter school may be a newly created school, or it may previously have been a public or private school.)	(A charter school is a public school that, in accordance with an enabling state statute, has been granted a charter exempting it from selected state or local rules and regulations. A charter school may be a newly created school, or it may previously have been a public or private school.)			
© Yes				
Ф No	© No			
(2018 Grade 4, 8, and 12)	Issue: School Climate			
2. In which year did your school start providing instruction as a charter school?	2. In which year did your school start providing instruction as a charter school?	NC	N/A	
(2018 Grade 4, 8, and 12)	Issue: School Climate			
3. Who granted your school's current charter? School district State board of education (includes state board of regents and District of Columbia State Board of Education) Postsecondary institution State charter-granting agency City or state public charter school board Other (specify): (2018 Grade 4, 8, and 12)	3. Who granted your school's current charter? School district State board of education (includes state board of regents and District of Columbia State Board of Education) Postsecondary institution State charter-granting agency City or state public charter school board Issue: School Climate	R	The "Other (Please specify)" response option was removed. This response option is only used in pilot administrations.	
4. What is the legal status of your school? © Officially part of the school district or local education agency (LEA) © Independent from the school district or local education agency (LEA) © A separate local education agency (LEA) as stipulated by state law (2018 Grade 4, 8, and 12)	4. What is the legal status of your school? © Officially part of the school district or local education agency (LEA) © Independent from the school district or local education agency (LEA) © A separate local education agency (LEA) as stipulated by state law Issue: School Climate	NC	N/A	

revious item				2019 item				D/A/ R/NC+	Rationale
. Is this school operated by a company or or charter schools?	ganization that also opera	ites other	VH340226	Is this school operated by a company or org- charter schools?	anization that also operate	s other	N-R240228	NC	N/A
Φ No				® No					
2018 Grade 4, 8, and 12)				Issue: School Climate					
			YH240227				VH240227	NC	N/A
Which one of the following best describes terms of program content?	your charter school's pri i	mary focus in		6. Which one of the following best describes terms of program content?	your charter school's prin	nary focus in		INC	IN/A
We have a comprehensive curriculum	with no specialized area	of focus.		We have a comprehensive curriculum	with no specialized area o	of focus.			
We have a special curricular focus, for immersion.	example, the arts, math/s	science, foreign lan	guage	We have a special curricular focus, for immersion.	example, the arts, math/s	cience, foreign langua	ige		
 Our curriculum is based on a particula school, Core Knowledge. 	r educational theory, for	example, Montesso	ri, open	 Our curriculum is based on a particula school, Core Knowledge. 	r educational theory, for e	example, Montessori,	open		
 Our curriculum is based on a particula African-centered education, character- 	er moral philosophy or set based education, Eastern	of values, for exam philosophy.	nple,	 Our curriculum is based on a particula African-centered education, character- 	r moral philosophy or set based education, Eastern p	of values, for exampl philosophy.	e,		
2018 Grade 4, 8, and 12)				Issue: School Climate					
7. Does your school provide a written contra	or for marrows?		VH240228	7 December 1 and 1			VII240228	NC	N/A
 Yes, and parents are required to abide be 				7. Does your school provide a written contract for parents?					
Yes, but signing it is voluntary.	y 1t.			Yes, and parents are required to abide by it.					
				Yes, but signing it is voluntary.					
© No				© No					
2018 Grade 4, 8, and 12)				Issue: School Climate					
8. Are the following elements addressed is circle in each row.	n your charter-parent con	ntract? Select one	VHIZITATIO	Are the following elements addressed circle in each row.	in your charter-parent co	ontract? Select one	VICASIGN	R	The "Other (Please
11	Yes	No	4 1		Yes	No]	specify)"
a. Dress code	Ø	•	VEI241947	a. Dress code	•	Φ	VH241947		
b. Home learning environment c. Homework	Ø Ø	0	VHIAIVA(VEIZAL946	b. Home learning environment	Ø	0	VH24 (%)1		response
d. Parent-teachet communication	(b)	0	VIII241959	c. Homework	®	0	V11241946	1	option was
e. Parent volunteering	0	0	VEE41052	d. Parent-teacher communication	0	0	VH241953	1	removed. This
f. School discipline policy	0	0	VH2A1948	e. Parent volunteering	(3)	•	VH241992		
g. Student attendance	®	•	VEEZAT PAS	f. School discipline policy	Ø	(0)	VH241946	1	response
h. Student promotion policy	®	•	VH241930	g. Student attendance	0	0	VH201945	1	option is only
i. Other (specify):	Φ	•	V15259444	h. Student promotion policy	0	0	V19241950	I	

Appendix K-31: Operational Grades 4, 8, & 12 Charter School

		VH240223
1.	Is your school a public charter school?	
	(A charter school is a public school that, in accordance with an enabling state statute, has been granted a charter exempting it from selected state or local rules and regulations. A charter school may be a newly created school, or it may previously have been a public or private school.)	
	Yes	
	® No	
		VH254022
2.	In which year did your school start providing instruction as a charter school?	V11254022
_,		
2	TATIL 2	VH860788
3.	Who granted your school's current charter?	
	School district	. 1
	State board of education (includes state board of regents and District of Columbia State of Education)	Board
	© Postsecondary institution	
	© State charter-granting agency	
	© City or state public charter school board	
		VH240225
4.	What is the legal status of your school?	
	Officially part of the school district or local education agency (LEA)	
	® Independent from the school district or local education agency (LEA)	
	© A separate local education agency (LEA) as stipulated by state law	

H2		

5.	Is this school operated by a company or organization that also operates other
	charter schools?

- A Yes
- ® No

- **6.** Which one of the following best describes your charter school's **primary** focus in terms of program content?
 - We have a comprehensive curriculum with no specialized area of focus.
 - ® We have a special curricular focus, for example, the arts, math/science, foreign language immersion.
 - © Our curriculum is based on a particular educational theory, for example, Montessori, open school, Core Knowledge.
 - Our curriculum is based on a particular moral philosophy or set of values, for example, African-centered education, character-based education, Eastern philosophy.

- 7. Does your school provide a written contract for parents?
 - Yes, and parents are required to abide by it.
 - Yes, but signing it is voluntary.
 - © No

8. Are the following elements addressed in your charter–parent contract? Select **one** circle in each row.

	Yes	No	
a. Dress code	A	®	VH241947
b. Home learning environment	A	®	VH241951
c. Homework	A	®	VH241946
d. Parent-teacher communication	A	®	VH241953
e. Parent volunteering	A	®	VH241952
f. School discipline policy	(A)	®	VH241948
g. Student attendance	A	®	VH241945
h. Student promotion policy	(A)	®	VH241950

Appendix K-3m: Summary of Changes Pilot Grades 4, 8, & 12 Charter School

2019 Pilot Grade 4, 8, and 12 Charter School				
Previous item	2019 item	D/A/ R/NC+	Rationale	
 Is your school a public charter school? (A charter school is a public school that, in accordance with an enabling state statute, has been granted a charter exempting it from selected state or local rules and regulations. A charter school may be a newly created school, or it may previously have been a public or private school.) Yes No Questions 2–8 are not applicable and will be skipped. 	1. Is your school a public charter school? (A charter school is a public school that, in accordance with an enabling state statute, has been granted a charter exempting it from selected state or local rules and regulations. A charter school may be a newly created school, or it may previously have been a public or private school.) ② Yes Description:	NC	No content change was made but the skip pattern directions have been removed due to the	
(2017 Grade 4, 8, and 12)	Issue: School Climate		transition to DBA.	
N/A	2. Is your school a for-profit or nonprofit charter school? ◆ For-profit ◆ Nonprofit	A	This item was added based on NCES' request for additional charter school items assessing factors shown to related to student achievement in the	
	Issue: School Climate	1254022	research literature.	
2. In which year did your school start providing instruction as a charter school?	3. In which year did your school start providing instruction as a charter school?	NC	N/A	
(2017 Grade 4, 8, and 12)	Issue: School Climate			

Grade 4, 8, and 12 Charter School		
2019 item	D/A/ R/NC+	Rationale
4. Who granted your school's current charter? School district State board of education (includes state board of regents and District of Columbia State Board of Education) Postsecondary institution State charter-granting agency City or state public charter school board Other (Please specify):	NC	N/A
5. What is the legal status of your school? © Officially part of the school district or local education agency (LEA) © Independent from the school district or local education agency (LEA) © A separate local education agency (LEA) as stipulated by state law Issue: School Climate	NC	N/A
6. Is this school operated by a company or organization that also operates other charter schools? ① Yes ① No	NC	N/A
7. How many charter schools are operated by this company or organization? © Two to four schools © Five to nine schools © Ten or more schools	A	This item was added based on NCES' request for additional charter school items assessing factors shown to related to student achievement in the
	4. Who granted your school's current charter? School district State board of education (includes state board of regents and District of Columbia State Board of Education) Postsecondary institution State charter-granting agency City or state public charter school board Other (Please specify): Issue: School Climate 5. What is the legal status of your school? Officially part of the school district or local education agency (LEA) Independent from the school district or local education agency (LEA) A separate local education agency (LEA) as stipulated by state law Issue: School Climate 6. Is this school operated by a company or organization that also operates other charter schools? Yes No Issue: School Climate	4. Who granted your school's current charter? School district State board of education (includes state board of regents and District of Columbia State Board of Education) Postsecondary institution State charter-granting agency City or state public charter school board Other (Please specify): Issue: School Climate 5. What is the legal status of your school? Officially part of the school district or local education agency (LEA) Independent from the school district or local education agency (LEA) A separate local education agency (LEA) as stipulated by state law Issue: School Climate 6. Is this school operated by a company or organization that also operates other charter schools? Yes NC Issue: School Climate 7. How many charter schools are operated by this company or organization? Two to four schools Five to nine schools Ten or more schools

Section Sect		2019 Pilot Grade 4, 8, and 12 Charter School		
N/A 8. How many days per school year is your school open for instructional Do not count and added based on NCES' request for additional charter school literature. Issue: School Climate	Previous item	2019 item		Rationale
N/A 8. How many days per school tenter the number of days. days				
9. What is the total instructional time, excluding breaks, in a typical school day? Enter the number of hours and minutes. hours and minutes per day 9. What is the total instructional time, excluding breaks, in a typical school day? Enter added based on NCES' request for additional charter school items assessing factors show to related to student achievemen in the	N/A	8. How many days per school year is your school open for instruction? Do not count summer school. Enter the number of days.	A	This item was added based on NCES' request for additional charter school items assessing factors shown to related to student achievement in the research
Issue: School Climate research literature.	N/A	9. What is the total instructional time, excluding breaks, in a typical school day? Enter the number of hours and minutes per day hours and minutes per day	A	request for additional charter school items assessing factors shown to related to student achievement in the research

Previous item				2019 item				D/A/ R/NC+	Rationale
Which one of the following best describes terms of program content?	s your charter school's prin	nary focus in	V10340227	Which one of the following best describes terms of program content?	VIII240227	NC	N/A		
We have a comprehensive curriculum	with no specialized area o	f focus.			with no specialized area	of focus.			
We have a special curricular focus, for immersion.			uage	We have a special curricular focus, for immersion.			uage		
 Our curriculum is based on a particul school, Core Knowledge. 	ar educational theory, for e	example, Montessor	ri, open	 Our curriculum is based on a particul school, Core Knowledge. 	ar educational theory, for	example, Montessor	i, open		
Our curriculum is based on a particul African-centered education, character	ar moral philosophy or set -based education, Eastern p	of values, for exam philosophy.	ple,	Our curriculum is based on a particul African-centered education, character	ar moral philosophy or se -based education, Eastern	t of values, for examp philosophy.	ole,		
(2017 Grade 4, 8, and 12)				Issue: School Climate					
 Does your school provide a written contr Yes, and parents are required to abide Yes, but signing it is voluntary. No Question 8 is not applicable and (2017 Grade 4, 8, and 12)	by it.			11. Does your school provide a written contr. ② Yes, and parents are required to abide ③ Yes, but signing it is voluntary. ② No. Issue: School Climate	A TO THE RESERVE OF THE PARTY O				change was made but the skip pattern directions have been removed due to the transition to DBA.
8. Are the following elements addressed circle in each row.	in your charter-parent cor	ntract? Select one	VHZB1944	 Are the following elements addressed is circle in each row. 	n your charter-parent co	ntract? Select one	V3E41944	NC	N/A
	Yes	No			Yes	No			
a. Dress code	•	(D)	VE241947	a. Dress code	Φ	0	VH241947		
b. Home learning environment	- 60	•	VH2x1951	b. Home learning environment	0	0	VH2419/(1		
c. Homework	(4)	•	Vf1241946	c. Homework	0	0	VIII241946		1
l. Parent-teacher communication	0	0	VM243963-	d. Parent-teacher communication	0	•	VH241953		
e. Parent volunteering	0	Φ	V#12419S1	e. Parent volunteering	•	0	VH241952		1
	0	0	VM241946	f. School discipline policy	0	0	V11241948		
f. School discipline policy	0	0	VF2243,945	g. Student attendance	©	0	VFI241948		1
g. Student attendance		0	VH2.11950	1 October 1	(3)			1	1
	•		11,21,710	h. Student promotion policy i. Other (Please specify):		0	VHZELWE		

Appendix K-3n: Pilot Grades 4, 8, & 12 Charter School

1.	Is y	your school a public charter school?	
	sta and	charter school is a public school that, in accordance with an enabling state tute, has been granted a charter exempting it from selected state or local rules d regulations. A charter school may be a newly created school, or it may eviously have been a public or private school.)	
	(A)	Yes	
	®	No	
			VH812950
2.	Is y	your school a for-profit or nonprofit charter school?	
	(A)	For-profit	
	®	Nonprofit	
3.	In	which year did your school start providing instruction as a charter school?	VH254022
			VH594583
4.	Wł	no granted your school's current charter?	
	(A)	School district	
	®	State board of education (includes state board of regents and District of Columbia State B of Education)	oard
	0	Postsecondary institution	
	0	State charter-granting agency	
	Œ	City or state public charter school board	
	Ð	Other (Please specify):	

1/	H2	40	122	5

5.	What is the legal status of your school?	
	Officially part of the school district or local education agency (LEA)	
	® Independent from the school district or local education agency (LEA)	
	© A separate local education agency (LEA) as stipulated by state law	
		VH240226
6.	Is this school operated by a company or organization that also operates other charter schools?	
	Yes	
	® No	
		VH812949
7.	How many charter schools are operated by this company or organization?	
	① Two to four schools	
	⑤ Five to nine schools	
	© Ten or more schools	
		VH812951
8.	How many days per school year is your school open for instruction? Do not count summer school. Enter the number of days.	
	days	
		VH812964
9.	What is the total instructional time, excluding breaks, in a typical school day? Enter the number of hours and minutes.	
	hours and minutes per day	

- **10.** Which one of the following best describes your charter school's **primary** focus in terms of program content?
 - We have a comprehensive curriculum with no specialized area of focus.
 - We have a special curricular focus, for example, the arts, math/science, foreign language immersion.
 - © Our curriculum is based on a particular educational theory, for example, Montessori, open school, Core Knowledge.
 - ① Our curriculum is based on a particular moral philosophy or set of values, for example, African-centered education, character-based education, Eastern philosophy.

- 11. Does your school provide a written contract for parents?
 - Yes, and parents are required to abide by it.
 - Yes, but signing it is voluntary.
 - © No

12. Are the following elements addressed in your charter–parent contract? Select one circle in each row.

	Yes	No	
a. Dress code	A	®	VH241947
b. Home learning environment	(A)	®	VH241951
c. Homework	(A)	®	VH241946
d. Parent-teacher communication	(A)	®	VH241953
e. Parent volunteering	(A)	®	VH241952
f. School discipline policy	(A)	®	VH241948
g. Student attendance	(A)	®	VH241945
h. Student promotion policy	(A)	®	VH241950
i. Other (Please specify):	<u> </u>	B	VH587571

Appendix K-30: Summary of Changes Operational Grade 4 Reading

During the last two years, offered to teachers in your row. Use of English/language												R/NC+	
		on the followings			VH240553	N/A						D	This item was
	Not at all	Small extent	Moderate extent	Large extent									reduce schoo
arts across the curriculum Interpreting and analyzing	®	®	0	0	VH259997								administrato burden and
literature Interpreting and analyzing	Ø	® ®	0	0	VH240555 VH240559								create
informational texts Understanding the cognitive process of an individual when they are	0	•	0	0	VH260000								opportunity for future
reading or writing Use of scoring guides to evaluate student work	®	®	0	Φ	VH260001								developmen
Instructional strategies for teaching English/language arts	®	•	0	Φ	VH260002								
 Yes, available full-time to Yes, available part-time to No Question 3 is not app 	o fourth-grade	students				© Yes, available full-time to a © Yes, available part-time to © No Issue: Resources for	fourth-grade st	udents	ıction				directions are different given transition from PBA to DBA.
To what extent are each of available to fourth-grade st	the following a udents at your	responsibility of school? Select one	the reading spe circle in each	ecialist(s) row.	VH240562	To what extent are each of available to fourth-grade stu				cialist(s) row.	VH240562	R	In sub-item
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			"a", the parenthetica
Provide one-on-one help to students on various reading topics	®	®	0	Φ	VH259934	Provide one-on-one help to students with various reading strategies (e.g., basic comprehension,	0	®	0	Φ	VH845246		"(e.g., basic comprehens
Provide one-on-one help to students at various achievement levels	@	®	0	0	VH259935	making inferences, building vocabulary)							on, making
						b. Provide one-on-one help to students at various achievement levels	•	•	Φ	Φ	VH259935		inferences, building vocabulary)" was added to

revious item						2019 item						D/A/ R/NC+	Rationale
4. Is there a literacy coach available (full- or part-time) to fourth-grade teachers at your school? ① Yes, available full-time to fourth-grade teachers ② Yes, available part-time to fourth-grade teachers ② No Question 5 is not applicable and will be skipped.					3. Is there a literacy coach available (full- or part-time) to fourth-grade teachers at your school? ② Yes, available full-time to fourth-grade teachers ③ Yes, available part-time to fourth-grade teachers ③ No Issue: Resources for Learning and Instruction						NC	Please note inline directions are different given transition from PBA to DBA.	
5. To what extent are each of available to fourth-grade to	the following a achers at your	a responsibility of school? Select one	the literacy cos circle in each	ach(es) row.	VH240565	To what extent are each of t available to fourth-grade tea	the following a achers at your s	responsibility of school? Select one	the literacy coa circle in each	ach(es) row.	VH240565	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
 a. Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts 	®	•	0	Φ	VH240567	a. Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	®	•	0	Φ	VH240567		
b. Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/	@	®	0	Φ	VH240566	b. Conduct professional development for groups of teachers about English/ language arts content or	®	®	0	0	VH240566		
language arts						the teaching of English/ language arts							
	ool's English/la Select one circ	inguage arts progra ele in each row.	am structured :	according	VH240605		ool's English/la	anguage arts progr		according	VH240605	R	Sub-items
language arts 2017 Grade 4) 6. To what extent is your sch	ool's English/la Select one circ Not at all	inguage arts progra ele in each row.	am structured : Moderate extent	according Large extent	VH240605	Issue: Resources for 5. To what extent is your sch-	ool's English/la	anguage arts progr		according Large extent	VH240605	R	Sub-items were droppe to reduce
a. District curriculum standards or curriculum guides	Select one circ	ele in each row.	Moderate		VH240605	Issue: Resources for 5. To what extent is your scheto the following resources? a. District curriculum standards or curriculum	ool's English/la Select one circ	anguage arts progr cle in each row.	ram structured Moderate		VH240607	R	were droppe to reduce school
a. District curriculum standards or curriculum	Not at all	Small extent	Moderate extent	Large extent		Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards	ool's English/la 'Select one circ Not at all	anguage arts progrele in each row.	Moderate extent	Large extent		R	were droppe to reduce school administrato
a. District curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning	Not at all	Small extent	Moderate extent ©	Large extent	VH240607	Issue: Resources for 5. To what extent is your scheto the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la 'Select one circ Not at all	Small extent	Moderate extent	Large extent	VH240607	R	were droppe to reduce school administrato burden and create
language arts 2017 Grade 4) 6. To what extent is your sch to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Not at all	Small extent	Moderate extent ©	Large extent	VH240607 VH240606	Issue: Resources for 5. To what extent is your sch to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum	ool's English/la Select one circ Not at all	singuage arts progr cle in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were droppe to reduce school administrato burden and create opportunity
a. District curriculum standards or frameworks confirmeworks and standards for learning d. Results from district	Not at all	Small extent	Moderate extent © ©	Large extent	VH240607 VH240606 VH240609	Issue: Resources for 5. To what extent is your scheto the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	singuage arts progr cle in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were droppe to reduce school administrato burden and create
a. District curriculum standards or curriculum standards or curriculum frameworks. c. In-school curriculum standards for learning. d. Results from district assessments c. Results from state	Not at all	Small extent	Moderate extent	Large extent	VH240607 VH240606 VH240609 VH566890	Issue: Resources for 5. To what extent is your scheto the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	singuage arts progr cle in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were droppe to reduce school administrato burden and create opportunity for new
a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Results from district assessments c. Results from state assessments f. Recommendations from school English/language arts department g. Discretion of individual	Not at all	Small extent	Moderate extent	Large extent	VH240607 VH240606 VH240609 VH546890 VH240608	Issue: Resources for 5. To what extent is your scheto the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	singuage arts progr cle in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were droppe to reduce school administrato burden and create opportunity
a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Results from district assessments e. Results from state assessments f. Recommendations from school English/language arts department	Not at all	Small extent D D D	Moderate extent	Large extent	VH240607 VH240606 VH240609 VH240609 VH240605 VH240611	Issue: Resources for 5. To what extent is your scheto the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	singuage arts progr cle in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were droppe to reduce school administrato burden and create opportunity for new

7. To what extent does your school's fourth-grade English/language arts curriculum focus on preparation for the following types of assessments? Select one circle in each						2019 item						D/A/ R/NC+	Rationale
To what extent does your so focus on preparation for the row.	chool's fourth-g following type	grade English/lang es of assessments	guage arts curr ? Select one cir	iculum cle in each	VH335506	6. To what extent does your school's fourth-grade English/language arts curriculum focus on preparation for the following types of assessments? Select one circle in each row.						NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
. District assessments	®	•	0	0	VH335509	a. District assessments	®	®	0	0	VH335509		
o. State assessments	(A)	(1)	0	Φ	VH335508	b. State assessments	(A)	®	0	Ф	VH335508		
c. School assessments (e.g., quizzes or tests created by teachers)	0	•	0	0	VH586820	c. School assessments (e.g., quizzes or tests created by teachers)	0	(B)	0	Φ	VH586820		
2017 Grade 4)					VH592388	Issue: Organization	of Instru	ction					
English/language arts teachin Not at all Small extent Moderate extent Large extent													dropped to reduce school administrato
2017 Grade 4)													for future
2017 Grade 4) 9. In addition to English/langua personnel to assist with Engl students with disabilities (SI	lish/language ar	rts class instruction	ol have the follo n for fourth-gr	owing	VH33548B	7. In addition to English/langu personnel to assist with Eng students with disabilities (SI	lish/language	arts class instruc	tion for fourth-	ollowing grade	VJE335488	NC	create opportunity for future
In addition to English/langua personnel to assist with Engl students with disabilities (SI	lish/language ar D)? Select one c	rts class instruction	ol have the follo on for fourth-gr	owing	WH35488	personnel to assist with Engl	lish/language	arts class instruc	tion for fourth-	ollowing grade No	VID35488	NC	create opportunity for future developmen
9. In addition to English/langus personnel to assist with Engl students with disabilities (SI Special Education teachers (an	lish/language ar D)? Select one c	rts class instruction circle in each row.	ol have the follo on for fourth-gr	owing ade No	VH335488	personnel to assist with Eng- students with disabilities (SI	rlish/language D)? Select one	arts class instruct circle in each ro	tion for fourth-	grade		NC	create opportunity for future developmen
9. In addition to English/langus personnel to assist with Engl students with disabilities (SI a. Special Education teachers (an service providers)	lish/language ar D)? Select one c	rts class instruction circle in each row.	ol have the follo on for fourth-gr	No v		personnel to assist with Engi students with disabilities (SI a. Special Education teachers (ar service providers)	dish/language D)? Select one nd related	arts class instruct circle in each ro Yes	tion for fourth-	No ®	VH335489	NC	create opportunity for future developmen
9. In addition to English/langus personnel to assist with Engl students with disabilities (SI 1. Special Education teachers (an service providers)	lish/language ar D)? Select one c	rts class instruction in each row. Yes	ol have the follo	No v	H335489	personnel to assist with Engistudents with disabilities (Si a. Special Education teachers (ar service providers) b. Reading specialists or literacy	dish/language D)? Select one nd related	arts class instruce circle in each ro Yes	tion for fourth-	No ®	VH335489 VH335490	NC	create opportunity for future developmen
9. In addition to English/langue personnel to assist with Engl students with disabilities (\$1 a. Special Education teachers (an service providers) b. Reading specialists or literacy c. Speech pathologists d. Paraprofessionals or teacher ai trained to work with students disabilities	d related coaches des who are with	rts class instruction in each row. Yes	ol have the follon for fourth-gr	No v	H335489	personnel to assist with Engistudents with disabilities (SI a. Special Education teachers (ar service providers) b. Reading specialists or literacy c. Speech pathologists d. Paraprofessionals or teacher at trained to work with students	glish/language (D)? Select one and related or coaches	arts class instruct circle in each ro Yes	tion for fourth-	No ®	VH335489	NC	create opportunity for future developmen
9. In addition to English/langus personnel to assist with Engl students with disabilities (SI a. Special Education teachers (an service providers) b. Reading specialists or literacy c. Speech pathologists d. Paraprofessionals or teacher ai trained to work with students	d related coaches des who are with des who are	Yes	ol have the folk on for fourth-gr	No D V D V D V D V D V D V D V D V D V D	H335489 H335490 H335494	personnel to assist with Eng students with disabilities (SI a. Special Education teachers (ar service providers) b. Reading specialists or literacy c. Speech pathologists d. Paraprofessionals or teacher ai	clish/language D)? Select one and related coaches dides who are s with dides who are	Yes	tion for fourth-	No © ©	VH335489 VH335490 VH335494	NC	create opportunity for future developmen

revious item						2019 item						D/A/ R/NC+	Rationale
10. In addition to English/lang personnel to assist with E English language learners	guage arts teachers nglish/language ar (ELL)? Select one	s, does your schoo ts class instructio circle in each row	ol have the follow on for fourth-gra	wing de	VIE35406	In addition to English/language a personnel to assist with English/l					VH846126	R	In the stem, an en dash
		Yes		No		English-language learners (ELLs)	s)? Select one circle	le in each row.					was added
a. Certified ELL/bilingual edu		0		0	VH335410					220	1 1		between
 Reading specialists or litera 	cy coaches	0	3.1	•	VH335407			Yes		No	1.22		
c. Speech pathologists		0		0	VH335408	a. Certified ELL/bilingual education		®	_	(1)	VH846130		"English" ar
 Paraprofessionals or teacher trained to work with studer 		0		0	VH335409	b. Reading specialists or literacy coac	aches	0	_	10	VH846127 VH846128		"language"
e. Paraprofessionals or teacher					21.7.	c. Speech pathologists d. Paraprofessionals or teacher aides	ruho ara	(A)		®	VH846128		
not trained to work with st	idents who are	0		0	VH335412	trained to work with students who		(A)		(1)	VH846132		and an "s"
ELL													
f. Parent volunteers		0		(D)	VH335411	ELLs			_		12.3		was added t
		Φ		•	VH335411	e. Parent volunteers		®		(1)	VH846131		"ELL". In sul
f. Parent volunteers		•		Φ	VH335413	9773939		(Φ.	VHS46131		"ELL". In subsitem "d", and "s" was added to "ELL" and o
		•		•	VH335413	e. Parent volunteers	arning and			•	VHS46131		"ELL". In sul item "d", ar "s" was added to "ELL" and o
f. Parent volunteers		de instruction al	fected by a lack		¥78336411 ¥78236413	9773939	ility to provide ins	I Instruct	ion		V1846131	R	added to "ELL" and or sub-item wa dropped. A sub-item
f. Parent volunteers 017 Grade 4)		de instruction al	fected by a lack			lssue: Resources for Lea 9. How much is your school's abilifollowing resources? Select one	ility to provide ins e circle in each rov	I Instruct	ion			R	"ELL". In sul item "d", ar "s" was added to "ELL" and o sub-item wa dropped. A sub-item was droppe
f. Parent volunteers 017 Grade 4)	et one circle in ea	de instruction af ch row.		c of the		lssue: Resources for Lea 9. How much is your school's abilifollowing resources? Select one	ility to provide ins e circle in each rov	I Instruct struction affect w.	i ON ted by a lack of	f the		R	"ELL". In sul item "d", ar "s" was added to "ELL" and o sub-item wa dropped. A sub-item
f. Parent volunteers O17 Grade 4) 11. How much is your school following resources? Selection in English/	Not at all	de instruction af ch row. A little	Some	c of the	VIES0177	e. Parent volunteers Issue: Resources for Lea 9. How much is your school's abilition following resources? Select one N a. Teachers with a specialization in English/	ility to provide ins e circle in each rov	I Instruct struction affect w. A little	ion ted by a lack of Some	f the	VIC60137	R	"ELL". In subsitem "d", ar "s" was added to "ELL" and of sub-item was dropped. A sub-item was droppe to reduce school administrate
f. Parent volunteers 2017 Grade 4) 11. How much is your school following resources? Select specialization in English/language arts 5. Computer software for English/language arts	Not at all	de instruction at ch row. A little	Some	c of the	VIZ50137 VIIZ50138	e. Parent volunteers Issue: Resources for Lea 9. How much is your school's abilifollowing resources? Select one N a. Teachers with a specialization in English/language arts b. Computer software for English/language arts	ility to provide ins e circle in each rov	I Instruct struction affect w. A little	ion ted by a lack of Some	f the A lot	VID60137 VVID60138	R	"ELL". In subsitem "d", and "s" was added to "ELL" and o sub-item wadropped. A sub-item was dropped to reduce school

Appendix K-3p: Operational Grade 4 Reading

- **1.** Is there a reading specialist available (full- or part-time) to fourth-grade students at your school?
 - Yes, available full-time to fourth-grade students
 - Yes, available part-time to fourth-grade students
 - © No

2. To what extent are each of the following a responsibility of the reading specialist(s) available to fourth-grade students at your school? Select **one** circle in each row.

VH240562

	Not at all	Small extent	Moderate extent	Large extent	
a. Provide one-on-one help to students with various reading strategies (e.g., basic comprehension, making inferences, building vocabulary)	(A)	®	0	0	VH845246
b. Provide one-on-one help to students at various achievement levels	(A)	®	0	0	VH259935

VH240021

- **3.** Is there a literacy coach available (full- or part-time) to fourth-grade teachers at your school?
 - Yes, available full-time to fourth-grade teachers
 - Yes, available part-time to fourth-grade teachers
 - © No

4. To what extent are each of the following a responsibility of the literacy coach(es) available to fourth-grade teachers at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	®	®	0	0	VH240567
b.	Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ language arts	(4)	®	0	0	VH240566

VH240605

5. To what extent is your school's English/language arts program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	®	®	0	0	VH240607
b. State curriculum standards or frameworks	(A)	B	0	0	VH240606
c. In-school curriculum frameworks and standards for learning	(A)	®	0	0	VH240609

6. To what extent does your school's fourth-grade English/language arts curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	A	®	0	0	VH335509
b. State assessments	(A)	®	0	0	VH335508
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	(B)	0	0	VH586820

VH335488

7. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for fourth-grade students with disabilities (SD)? Select **one** circle in each row.

		Yes	No	
a.	Special Education teachers (and related service providers)	(A)	®	VH335489
b.	Reading specialists or literacy coaches	(A)	®	VH335490
c.	Speech pathologists	(A)	®	VH335494
d.	Paraprofessionals or teacher aides who are trained to work with students with disabilities	(®	VH335492
e.	Paraprofessionals or teacher aides who are not trained to work with students with disabilities	(A)	®	VH335491
f.	Parent volunteers	A	®	VH335493

8. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for fourth-grade English-language learners (ELLs)? Select **one** circle in each row.

	Yes	No	
a. Certified ELL/bilingual education teachers	A	8	VH846130
b. Reading specialists or literacy coaches	(A)	®	VH846127
c. Speech pathologists	(A)	®	VH846128
d. Paraprofessionals or teacher aides who are trained to work with students who are ELLs	0	®	VH846132
e. Parent volunteers	(A)	®	VH846131

VH260137

9. How much is your school's ability to provide instruction affected by a lack of the following resources? Select **one** circle in each row.

	Not at all	A little	Some	A lot	
a. Teachers with a specialization in English/ language arts	(A)	®	©	0	VH260138
b. Computer software for English/language arts instruction	(A)	®	0	0	VH260140
c. Library books	A	®	©	0	VH260142

Appendix K-3q: Summary of Changes Pilot Grade 4 Reading

Previous item						2019 item	D/A/ R/NC+	Rationale
 During the last two years, toffered to teachers in your row. 	o what extent school focused	have professional on the following?	development a Select one cir	ctivities cle in each	V9(240333	N/A	D	This item was dropped to
	Not at all	Small extent	Moderate extent	Large extent				reduce schoo
a. Use of English/language arts across the curriculum	•	0	0	0	VH259997			administrato
b. Interpreting and analyzing literature	Ø	0	0	0	VH240555			burden and create
c. Interpreting and analyzing informational texts	0	0	0	0	VHZ40159			opportunity
d. Understanding the cognitive process of an individual when they are reading or writing	®	•	0	Φ	V18260000			for future development
e. Use of scoring guides to evaluate student work	0	0	0	Φ	VH260001			development
f. Instructional strategies for teaching English/language arts	0	00	0	0	VH260003			
(2017 Grade 4) 2. Is there a reading specialist a your school? ① Yes, available full-time to ① Yes, available part-time t ② No Question 3 is not app	o fourth-grade o fourth-grade	students students	urth-grade stu	dents at	VIGNOS	1. In addition to their regular classroom teacher, are there any additional full- or part-time English/language arts staff (e.g., English/language arts specialist, literacy coach, or speech pathologist) available to fourth-grade students at your school? ② Yes, available full-time to fourth-grade students ③ Yes, available part-time to fourth-grade students ③ No	R	The entire stem was revised. Please note inline directions are different given transition from PBA to
						Issue: Resources for Learning and Instruction		DBA.

				2	019	Pilot Grade 4 Rea	iding So	chool					
Previous item						2019 item						D/A/ R/NC+	Rationale
3. To what extent are each of available to fourth-grade st	the following a udents at your	responsibility of school? Select or	the reading sp e circle in each	ecialist(s) i row.	VH2A662	To what extent is each of the English/language arts staff one circle in each row.				ool? Select	VBH (3027	R	"Reading specialist(s)"
- Possible and the last	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			was replaced
Provide one-on-one help to students on various reading topics	0	00	0	0	VH259934	Provide English/language arts course-related support,			CATCHE				with "additional
b. Provide one-on-one help to students at various achievement levels	•	Φ	0	0	VH259835	remediation, or intervention to individual students	⊗	Φ	0	0	VHS1800		English/langu
						 Provide English/language arts course-related support, remediation, or intervention to groups of students 	®	0	0	0	VHSLSOU		age arts staff". Two sub- items
						 Provide English/language arts enrichment to individual students 	0	0	0	0	VEREIREA		were dropped
						d. Provide English/language arts enrichment to groups of students	•	0	0	0	VM819030		and seven sub-items
						e. Provide instruction for gifted and talented students	®	0	0	0	VHS13017		were added.
						f. Provide instruction for students with special needs (e.g., physical disabilities, mental or emotional/ psychological impairment)	©	(1)	θ	Φ	VIIII.AQ38		
						g. Provide instruction for English-language learners (ELLs)	Φ	Ф	0	0	VHSERGIO		
(2017 Grade 4)						Issue: Resources for	Learning	and Instru	ıction				
4. Is there a literacy coach avail your school? ② Yes, available full-time to ③ Yes, available part-time to ③ No Question 5 is not app	o fourth-grade o fourth-grade	teachers teachers	th-grade teach	ers at	VIIC46021	3. Are there any additional full coach or supervisor. English, available to fourth-grade tead Yes, available full-time to Yes, available part-time to No	language arts l chers at your so o fourth-grade	lead teacher or de chool? teachers			Vikinovi	R	The entire stem was revised. Please note inline directions are different given transition from PBA to
(2017 Grade 4)						Issue: Resources for	Learning	and Instru	ıction				DBA.

Previous item						2019 item						D/A/ R/NC+	Rationale
5. To what extent are each of available to fourth-grade te	the following a achers at your	responsibility of school? Select on	the literacy co e circle in each	ach(es) row.	VH240565	 To what extent is each of th English/language arts staff one circle in each row. 	ne following a r available to fo	responsibility of the ourth-grade teache	ne additional ers at your sch	ool? Select	VHS13097	R	"Literacy coach(es)"
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate	Large extent			was replaced
a. Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	®	•	0	0	V#124056*	a. Conduct professional development for groups of teachers about English/ language arts content or	Φ	©	extent	©	VH313094		with "additional English/lang
 Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ 	®	(3)	0	•	VHE240566-	the teaching of English/ language arts h. Provide assistance/support to individual teachers							age arts
language arts						about English/language arts content or the teaching of English/language arts	0	®	0	0	VERESON		sub-items
						c. Provide assistance/support to individual or groups of teachers with testing and collecting data	0	0	0	0	VHStaton		were added.
						d. Provide assistance/support							
						to individual or groups of teachers in using technology and media to support reading/English/ language arts instruction	⊗	0	0	Φ	V148 (310)		
2017 Grade 4) 6. To what extent is your sch to the following resources?				according	V(C460)	to individual or groups of teachers in using technology and media to support reading/English/	Learning	g and Instru	ction		VH2HHHS	R	Six sub-items
6. To what extent is your sch			am structured Moderate extent	according Large extent	VICesso	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche	Learning	g and Instru	ction		ÌŤ	R	
To what extent is your sch to the following resources? District curriculum standards or curriculum guides	Select one circ	le in each row.	Moderate		V1044007	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche	Learning ool's English/la Select one circ	and Instru	ction m structured	according	ÌŤ	R	were
To what extent is your sch to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks	Select one circ	Small extent	Moderate extent	Large extent		to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum	Learning pol's English/la Select one circ Not at all	g and Instru	Ction Im structured Moderate extent	Large extent	VH2Histi	R	were
To what extent is your sch to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning	Not at all	Small extent	Moderate extent	Large extent		to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning pol's English/la Select one circ Not at all	g and Instru inguage arts progra- cle in each row. Small extent	ction mm structured Moderate extent	Large extent	V11210665	R	were
To what extent is your sch to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning	Not at all	Small extent	Moderate extent ©	Large extent		to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or frameworks or frameworks c. In-school curriculum	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progracle in each row. Small extent	ction In structured Moderate extent ©	Large extent	V11210665	R	were
To what extent is your sch to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district assessments	Not at all	Small extent	Moderate extent © ©	Large extent		to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progracle in each row. Small extent	ction In structured Moderate extent ©	Large extent	V11210665	R	were
6. To what extent is your sch to the following resources? 5. District curriculum standards or curriculum guides 5. State curriculum standards or frameworks 1. In-school curriculum frameworks and standards for learning 6. Results from district assessments 1. Results from state	Not at all	Small extent D D	Moderate extent © © ©	Large extent	V1540407 V1540400 V1540400 V1540400 V1540400	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progracle in each row. Small extent	ction In structured Moderate extent ©	Large extent	V11210665	R	were
6. To what extent is your sch to the following resources? 1. District curriculum standards or curriculum guides or frameworks c. In-school curriculum frameworks and standards for learning I. Results from district assessments c. Results from state assessments Recommendations from school English/language arts department c. Discretton of individual	Not at all	Small extent D D	Moderate extent	Large extent	V11240407 V31240406 V31240409 V31240409 V31240409	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progracle in each row. Small extent	ction In structured Moderate extent ©	Large extent	V11210665	R	were
a. District curriculum standards or curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Results from district assessments c. Results from state assessments c. Results from state assessments see assessme	Not at all	Small extent D D D	Moderate extent © © © © ©	Large extent	V103-404-07 V103-404-08 V103-404-09 V103-404-09 V103-404-09 V103-404-09 V103-404-09	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progracle in each row. Small extent	ction In structured Moderate extent ©	Large extent	V11210665	R	were

Previous item						2019 item						D/A/ R/NC+	Rationale
To what extent does your so focus on preparation for the row.	chool's fourth- following type	grade English/lan es of assessments	guage arts curri ? Select one cir	culum cle in each	VIIIISSOE	To what extent does your so focus on preparation for the row.					VIII3566	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent		1	Not at all	Small extent	Moderate extent	Large extent			
a. District assessments	®	0	0	0	V1833509	a. District assessments	Φ	0	0	0	VH13550)		
b. State assessments	®	•	0	0	V11335506	b. State assessments	®	(1)	0	Φ	VHUSSON		
c. School assessments (e.g., quizzes or tests created by teachers)	Φ	•	0	0	VHS88820	 c. School assessments (e.g., quizzes or tests created by teachers) 	®	•	0	9	¥78586820		
 8. To what extent does your schenglish/language arts teachin D Not at all Small extent Moderate extent Large extent 			ogy resources f	or		N/A						D	This item wanted dropped to reduce school administrate burden and
9. In addition to English/langu	uage arts teach	ers, does your sch	ool have the fo	llowing	VIII/Mis	7. In addition to English/Jangu	iage arts teach	ers, does your sch	ool have the fo	llowing	YHU5488	R	create opportunity for future
	glish/language	arts class instruc circle in each ro	tion for fourth-	grade	VI(I)/M85	7. In addition to English/langu personnel to assist with Eng students with disabilities (S	glish/language	arts class instruc circle in each ro	tion for fourth-	grade	VH335488	R	create opportunity for future developmer In sub-item "b", "not"
In addition to English/lange personnel to assist with English students with disabilities (8)	glish/language SD)? Select one	arts class instruc	tion for fourth-	llowing grade No	VIUSAB	personnel to assist with Eng students with disabilities (S	glish/language 3D)? Select one	arts class instruc	tion for fourth-	llowing grade No	VH35488	R	create opportunity for future developmer In sub-item
In addition to English/langu personnel to assist with En	glish/language SD)? Select one	arts class instruc circle in each ro	tion for fourth-	grade	V1(1)5450 V15355499	personnel to assist with Eng students with disabilities (S a. Special Education teachers (a	glish/language 3D)? Select one	arts class instruc circle in each ro	tion for fourth-	grade	VH35488 VH215488	R	create opportunity for future developmer In sub-item "b", "not"
9. In addition to English/lange personnel to assist with English students with disabilities (8) a. Special Education teachers (a)	glish/language SD)? Select one and related	arts class instruc e circle in each ro Yes	tion for fourth-	grade No		personnel to assist with Eng students with disabilities (S a. Special Education teachers (a service providers)	glish/language D)? Select one and related	arts class instruce circle in each ro	tion for fourth-	No ©	VHIMA	R	create opportunity for future developmer In sub-item "b", "not"
9. In addition to English/langupersonnel to assist with Engstudents with disabilities (\$ a. Special Education teachers (a service providers)	glish/language SD)? Select one and related	arts class instruce circle in each ro Yes	tion for fourth-	No ©	VH535469	personnel to assist with Eng students with disabilities (S a. Special Education teachers (a service providers) b. Reading specialists or literacy	glish/language D)? Select one and related	arts class instructs circle in each ro	tion for fourth-	No D D	VHIAMAN VHIAMAN	R	create opportunity for future development In sub-item "b", "not"
9. In addition to English/lange personnel to assist with Engstudents with disabilities (\$ a. Special Education teachers (a service providers) b. Reading specialists or literact. Speech pathologists d. Paraprofessionals or teacher trained to work with student disabilities	glish/language SD)? Select one and related y coaches aides who are s with	arts class instruce circle in each ro Yes	tion for fourth-	No ©	VH135469 VH135490	personnel to assist with Eng students with disabilities (S a. Special Education teachers (a service providers) b. Reading specialists or literacy c. Speech pathologists d. Paraprofessionals or teacher a trained to work with student	glish/language SD): Select one and related y coaches	arts class instruce circle in each ro	tion for fourth-	No ©	VHIMA	R	create opportunity for future developmen In sub-item "b", "not"
personnel to assist with Engstudents with disabilities (S a. Special Education teachers (a service providers) b. Reading specialists or literacte. Speech pathologists d. Paraprofessionals or teachers trained to work with student	glish/language siD)? Select one and related y coaches aides who are s with	arts class instruce circle in each ro Yes	tion for fourth-	No D D	VHL35489 VHL35490 VHL35494	personnel to assist with Engstudents with disabilities (S a. Special Education teachers (a service providers) b. Reading specialists or literacy c. Speech pathologists d. Paraprofessionals or teacher a	glish/language physical Select one and related y coaches aides who are s with	arts class instruct circle in each ro	tion for fourth-	No	VH215489 VH215490 VER35494	R	create opportunity for future developmer In sub-item "b", "not"

revious item						2019 item						D/A/ R/NC+	Rationale
 In addition to English/lang personnel to assist with En English language learners (iglish/language a	arts class instruc	tion for fourth-s		V1(1154m)	8. In addition to English/language personnel to assist with English English-language learners (ELLs	h/language arts	s class instruct	ion for fourth-	llowing grade	VHI645 (26	R	In the stem
		Yes		No				Yes		No			added
Certified ELL/bilingual educ	ation teachers	(3)		0	V16333010	a. Certified ELL/bilingual education	n teachers	Ø	_	(0)	VHMASIAO		between
Reading specialists or literac	y coaches	0		(1)	VESTALISM?	b. Reading specialists or literacy coa		0	_	0	V18846127		
Speech pathologists		0		®	VH35408	c. Speech pathologists	merico	0		0	VH846128		"English" a
Paraprofessionals or teacher trained to work with studen	ts who are ELL	Φ	-1111	©	VILLUNGON	d. Paraprofessionals or teacher aides trained to work with students wh		0		0	VH846132		"language"
		0	II II.	(3)	VHOS4iż	ELLs e. Parent volunteers		③		Ф	VFm46131		and an "s"
ELL													
Parent volunteers		₲.		(3)	vHaxta(i				·				was added "ELL". In su item "d", a "s" was added to
Parent volunteers		•		•		Issue: Resources for Le	earning a	nd Instru	ction				"ELL". In suitem "d", a "s" was added to "ELL" and o
		de instruction af	fected by a lack	-	VHZS6LST	Issue: Resources for Le	ility to provide	instruction aff		of the	VID6937	R	"ELL". In suitem "d", a "s" was added to "ELL" and cubitem witem wite dropped. A sub-item
Parent volunteers 2017 Grade 4) 1. How much is your school's		de instruction af	fected by a lack	-		9. How much is your school's abili- following resources? Select one of	ility to provide	instruction aff		of the	VID6037	R	"ELL". In suitem "d", a "s" was added to "ELL" and sub-item with dropped. A sub-item
Parent volunteers 2017 Grade 4) 1. How much is your school's following resources? Select Teachers with a specialization in English/ language arts	one circle in ea	de instruction af ch row.		of the		9. How much is your school's abili- following resources? Select one of	ility to provide e circle in each	instruction aff row.	ected by a lack		VID6037	R	"ELL". In suitem "d", a "s" was added to "ELL" and sub-item with dropped. A sub-item
Parent volunteers 2017 Grade 4) 1. How much is your school's following resources? Select Teachers with a specialization in English/	Not at all	de instruction af ch row. A little	Some	of the A lot	VIDMIST	9. How much is your school's abilifollowing resources? Select one of the specialization in English language arts b. Computer software for English/language arts	ility to provide e circle in each	instruction aff row.	ected by a lack	A lot	H	R	"ELL". In suitem "d", a "s" was added to "ELL" and cub-item with dropped. A sub-item
2017 Grade 4) 11. How much is your school's following resources? Select 1. Teachers with a specialization in English/language arts 1. Computer software for English/language arts	one circle in ca	de instruction af ch row. A little	Some ©	of the A lot	VICHIST VICTORIA	9. How much is your school's abilifollowing resources? Select one of the selection of the	ility to provide e circle in each Not at all	instruction aff row. A little	Some	A lot	VID#I)≫	R	"ELL". In suitem "d", a "s" was added to "ELL" and c sub-item was dropped.

Appendix K-3r: Pilot Grade 4 Reading

- 1. In addition to their regular classroom teacher, are there any **additional** full- or part-time English/language arts staff (e.g., English/language arts specialist, literacy coach, or speech pathologist) **available to fourth-grade students** at your school?
 - Yes, available full-time to fourth-grade students
 - Yes, available part-time to fourth-grade students
 - © No

one circle in each row.

2. To what extent is each of the following a responsibility of the **additional** English/language arts staff **available to fourth-grade students** at your school? Select

VH813027

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide English/language arts course-related support, remediation, or intervention to individual students	(®	0	0	VH813032
b.	Provide English/language arts course-related support, remediation, or intervention to groups of students	(4)	®	0	0	VH813033
c.	Provide English/language arts enrichment to individual students	®	®	©	o	VH813034
d.	Provide English/language arts enrichment to groups of students	(A)	®	0	0	VH813035
e.	Provide instruction for gifted and talented students	(A)	®	0	0	VH813037
f.	Provide instruction for students with special needs (e.g., physical disabilities, mental or emotional/psychological impairment)	®	®	0	0	VH813038
g.	Provide instruction for English-language learners (ELLs)	(A)	(8)	0	0	VH813039

- **3.** Are there any **additional** full- or part-time English/language arts staff (e.g., Reading coach or supervisor, English/language arts lead teacher or department head) **available to fourth-grade teachers** at your school?
 - Yes, available full-time to fourth-grade teachers
 - Yes, available part-time to fourth-grade teachers
 - © No

4. To what extent is each of the following a responsibility of the **additional** English/language arts staff **available to fourth-grade teachers** at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ language arts	®	®	0	0	VH813098
b.	Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	®	®	0	0	VH813099
c.	Provide assistance/support to individual or groups of teachers with testing and collecting data	®	(B)	0	0	VH813100
d.	Provide assistance/support to individual or groups of teachers in using technology and media to support reading/English/ language arts instruction	(®	0	0	VH813101

5. To what extent is your school's English/language arts program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	®	®	0	0	VH240607
b. State curriculum standards or frameworks	(A)	®	0	0	VH240606
c. In-school curriculum frameworks and standards for learning	(A)	(B)	0	0	VH240609

VH335506

6. To what extent does your school's fourth-grade English/language arts curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	(A)	®	0	0	VH335509
b. State assessments	(A)	®	0	0	VH335508
c. School assessments (e.g., quizzes or tests created by teachers)	(4)	®	0	0	VH586820

7. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for fourth-grade students with disabilities (SD)? Select **one** circle in each row.

		Yes	No	
a. Special Ed service pro	ucation teachers (and related oviders)	0	®	VH335489
b. Reading sp	pecialists or literacy coaches	(A)	®	VH335490
c. Speech pa	thologists	A	®	VH335494
	sionals or teacher aides who are work with students with s	0	®	VH335492
	sionals or teacher aides who are d to work with students with s	®	®	VH858459
f. Parent vol	unteers	(A)	®	VH335493

8. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for fourth-grade English-language learners (ELLs)? Select **one** circle in each row.

	Yes	No	
a. Certified ELL/bilingual education teachers	(A)	®	VH846130
b. Reading specialists or literacy coaches	A	®	VH846127
c. Speech pathologists	(A)	®	VH846128
d. Paraprofessionals or teacher aides who are trained to work with students who are ELLs	0	®	VH846132
e. Parent volunteers	(A)	®	VH846131

VH260137

9. How much is your school's ability to provide instruction affected by a lack of the following resources? Select **one** circle in each row.

	Not at all	A little	Some	A lot	
a. Teachers with a specialization in English/ language arts	(A)	®	©	0	VH260138
b. Computer software for English/language arts instruction	(A)	®	0	0	VH260140
c. Library books	(A)	®	0	0	VH260142
d. Class sets of books (e.g., literature books)	A	®	0	0	VH855315

Appendix K-3s: Summary of Changes Operational Grade 8 Reading

During the last two years, to offered to teachers in your serow. Use of English/language arts across the curriculum. Interpreting and analyzing literature. Interpreting and analyzing informational texts. Understanding the cognitive process of an individual when they are	o what extent l chool focused Not at all	have professional on the following? Small extent	development a Select one cir	activities cle in each	VIENNS3							R/NC+	
arts across the curriculum Interpreting and analyzing Iterature Interpreting and analyzing informational texts Understanding the cognitive process of an	-6.27.00.00	Small extent				N/A						D	This item was
arts across the curriculum Interpreting and analyzing Iterature Interpreting and analyzing informational texts Understanding the cognitive process of an	•	Smiles Carrent	Moderate extent	Large extent									reduce school
literature Interpreting and analyzing informational texts Understanding the cognitive process of an		0	0	Φ.	VH259991								administrato
informational texts Understanding the cognitive process of an	0	00	0	0	VH240385								burden and create
cognitive process of an	0	0	0	Φ	VH24055V								opportunity
reading or writing	@	Φ.	0	0	vitinoxio								for future developmen
Use of scoring guides to evaluate student work	Θ	0	0	0	Y21(260(U))								acteropinen
Instructional strategies for teaching English/language arts	•	•	0	0	V1050002								
Is there a reading specialist avyour school? Yes, available full-time to Yes, available part-time to No Question 3 is not apple	eighth-grade so eighth-grade dicable and wi	students students III be skipped. responsibility of	the reading sp	ecialist(s)	VH240022	1. Is there a reading specialist average your school? Yes, available full-time to Yes, available part-time to No Issue: Resources for available to eighth-grade str	eighth-grade s eighth-grade Learning	students students g and Instru	ıction		VID4052	NC NC	Please note inline directions ar different given transition from PBA to DBA.
available to eighth-grade stu	Not at all	Small extent	e circle in each Moderate	1		available to eighth-grade str		T T	Moderate				,
. Provide one-on-one help to	Not at an	Sman extent	extent	Large extent	7	a. Provide one-on-one help to	Not at all	Small extent	extent	Large extent	7 -		
students with various reading strategies (e.g., basic comprehension, making inferences, building vocabulary)	Φ	•	6	0	VH58247.L	a. Provide one-on-one neith to students with various reading strategies (e.g., basic comprehension, making inferences, building vocabulary)	Ø	(3)	0	Ф	VH562874		
Provide one-on-one help to students at various achievement levels	0	0	0	0	V11259961	b. Provide one-on-one help to students at various achievement levels	Φ	00	0	0	V11259961		

Previous item						2019 item						D/A/ R/NC+	Rationale
4. Is there a literacy coach avail your school? The Yes, available full-time to Yes, available part-time to No Question 5 is not applications. (2017 Grade 8)	o eighth-grade to eighth-grade	teachers teachers	th-grade teache	ers at	YIEA0025	3. Is there a literacy coach avail your school? Yes, available full-time to Yes, available part-time to No Issue: Resources for	o eighth-grade o eighth-grade	teachers teachers		ers at	VI(\$4002)	NC	Please note inline directions are different given transition from PBA to DBA.
5. To what extent are each of available to eighth-grade te					V11240802	To what extent are each of available to eighth-grade tea					VHINNEL	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	Φ	Φ	0	0	VH249604	a. Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	•	•	0	•	V18240604		
 b. Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ language arts 	3	Φ	0	0	VH240ess1	b. Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/	0	Ф	0	0	VH240603		
						language arts							
(2017 Grade 8) 6. To what extent is your school to the following resources?			am structured Moderate extent	according	V11240605	Issue: Resources for 5. To what extent is your sche to the following resources?	ool's English/la	nguage arts progra		according Large extent	11040805	R	Sub-items were dropped to reduce
6. To what extent is your sch	Select one circ	le in each row.	Moderate	1	VH240407	Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum	ool's English/la Select one circ	nguage arts progra le in each row.	om structured		V104668	R	were dropped
To what extent is your sch to the following resources? District curriculum standards or curriculum	Not at all	Small extent	Moderate extent	Large extent		Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards	ool's English/la Select one circ Not at all	nguage arts progra le in each row.	Moderate extent	Large extent		R	were droppe to reduce
To what extent is your sche to the following resources? District curriculum standards or curriculum guides State curriculum standards	Not at all	Small extent	Moderate extent	Large extent	VH240407	Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	nguage arts progr. le in each tow. Small extent	Moderate extent	Large extent	V11240807	R	were droppe to reduce
To what extent is your sche to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks. In-school curriculum frameworks and standards for learning.	Not at all	Small extent	Moderate extent ©	Large extent	VH240607 VH5140608	Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum	ool's English/la Select one circ Not at all	nguage arts progr. le in each row. Small extent	Moderate extent	Large extent	VEIZ40807	R	were droppe to reduce
a. District curriculum standards or curriculum guides b. State curriculum standards of frameworks c. In-school curriculum frameworks and standards for learning d. Results from district	Not at all	Small extent	Moderate extent	Large extent	VH240407 VH24040H VH240H0H	Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	nguage arts progr. le in each row. Small extent	Moderate extent	Large extent	VEIZ40807	R	were droppe to reduce
To what extent is your sche to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks. In-school curriculum frameworks and standards for learning. Results from district assessments Results from state.	Not at all	Small extent D D	Moderate extent	Large extent	VH240007 VHC40000 VH240000 VH240000 VH240000	Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	nguage arts progr. le in each row. Small extent	Moderate extent	Large extent	VEIZ40807	R	were droppe to reduce
To what extent is your sche to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district assessments Recults from state assessments Recommendations from school English/language arts department Discretion of individual	Not at all O O O	Small extent Small extent Small extent	Moderate extent	Large extent	VIELEGOO7 VHELEGOO VHELEGOO VHELEGOO VIELEGOO VIELEGOO	Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	nguage arts progr. le in each row. Small extent	Moderate extent	Large extent	VEIZ40807	R	were droppe to reduce
To what extent is your sche to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district assessments Results from state assessments Recommendations from school English/language arts department	Not at all O O O	Small extent Small extent Small extent Small extent	Moderate extent	Large extent	V18240407 V18240407 V18240404 V182406490 V18240611	Issue: Resources for 5. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	nguage arts progr. le in each row. Small extent	Moderate extent	Large extent	VEIZ40807	R	were droppe to reduce

Previous item						2019 item						D/A/ R/NC+	Rationale
To what extent does your s focus on preparation for the row.	chool's eighth- e following type	grade English/lan es of assessments	guage arts curr ? Select one cir	iculum ele in each	VIDAMS	To what extent does your so focus on preparation for the row.	chool's eighth- following type	grade English/lan es of assessments	guage arts curr Select one cir	iculum cle in each	VICHES	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
a. District assessments	®	0	0	0	VH240618	a. District assessments	Φ	0	0	Φ	V10240638		
b. State assessments	0	0	0	0	A1434043A	b. State assessments	0	90	0	0	VH240619		
 School assessments (e.g., quizzes or tests created by teachers) 	0	0	0	0	VH240617	c. School assessments (e.g., quizzes or tests created by teachers)	Ø	(1)	0	Φ	VH240637		
(2017 Grade 8) 8. To what extent does your scl English/language arts teachin			ogy resources f	or	VIE02386	Issue: Organization N/A	of Instru	ction				D	This item wa
 ➡ Small extent ➡ Moderate extent ➡ Large extent 													administrate burden and create
Moderate extent	glish/language .	arts class instruct circle in each rov	ion for eighth-	grade	VII28420	7. In addition to English/langu personnel to assist with Eng students with disabilities (S	glish/language	arts class instruc circle in each ro	ion for eighth-	grade	A30/8859	NC	create opportunity
© Moderate extent © Large extent 2017 Grade 8) 9. In addition to English/lang personnel to assist with Enstudents with disabilities (3)	glish/language SD)? Select one	arts class instruct	ion for eighth-	llowing grade No	V12369620	personnel to assist with Eng students with disabilities (S	glish/language SD)! Select one	arts class instruct	ion for eighth-		VH28920 -	NC	administrate burden and create opportunity for future developmer
© Moderate extent © Large extent 2017 Grade 8) 9. In addition to English/lang personnel to assist with En	glish/language SD)? Select one	arts class instruct circle in each rov	ion for eighth-	grade	A45740571 A45740470	personnel to assist with Eng students with disabilities (S a. Special Education teachers (at	glish/language SD)! Select one	arts class instruc circle in each ro	ion for eighth-	grade	VHCen/to VHCen/to	NC	administrate burden and create opportunity for future developmer
Moderate extent Large extent Control In addition to English/lang personnel to assist with Enstudents with disabilities (Section 2014). A. Special Education (eachers (asservice providers)).	glish/language SD)? Select one and related	arts class instruct circle in each rov Yes	ion for eighth-	grade No		personnel to assist with Eng students with disabilities (S a. Special Education teachers (ar service providers)	glish/language D)! Select one nd related	arts class instruct circle in each rot Yes	ion for eighth-	No ®		NC	administrate burden and create opportunity for future developmer
Moderate extent Large extent 2017 Grade 8) 9. In addition to English/lang personnel to assist with Enstudents with disabilities (consideration for the extension of the exten	glish/language SD)? Select one and related	arts class instruct circle in each rov Yes	ion for eighth-	No ®	V#24062.I	personnel to assist with Eng students with disabilities (S a. Special Education teachers (at	glish/language D)! Select one nd related	arts class instruct circle in each row Yes	ion for eighth-	No No	V18240K21	NC	administrate burden and create opportunity for future developmer
Moderate extent Large extent 2017 Grade 8) 9. In addition to English/lang personnel to assist with Enstudents with disabilities (3) a. Special Education teachers (4)	glish/language SD)? Select one and related by coaches aides who are	arts class instruct circle in each rov Yes	ion for eighth-	No ®	VH240621 VH240622	personnel to assist with Eng students with disabilities (S a. Special Education teachers (ar service providers) b. Reading specialists or literacy	glish/language ED)? Select one and related y coaches	arts class instruct circle in each rot Yes	ion for eighth-	No ®	VH240821 VH240822	NC	administrate burden and create opportunity for future developmer
Moderate extent Large extent Large extent 2017 Grade 8) 9. In addition to English/lang personnel to assist with Enstudents with disabilities (statements) a. Special Education teachers (asservice providers) b. Reading specialists or literact. Speech pathologists d. Paraprofessionals or teacher trained to work with student.	iglish/language SD)? Select one and related by coaches aides who are ts with	arts class instruct circle in each rov	ion for eighth-	No	VH240621 VH240622 VH240623	personnel to assist with Eng students with disabilities (S a. Special Education teachers (ar service providers) b. Reading specialists or literacy c. Speech pathologists d. Paraprofessionals or teacher a trained to work with students	glish/language D)! Select one and related y coaches aides who are s with	arts class instruct circle in each rot Yes	ion for eighth-	No D D	VH240621 VH240622 VH240623	NC	administrate burden and create opportunity for future developmer

revious item						2019 item						D/A/ R/NC+	Rationale
3. In addition to English/lang personnel to assist with En English-language learners (uage arts teacher glish/language ar ELLs)? Select on e	rs, does your sch rts class instruct e circle in each r	ool have the foll ion for eighth-g	lowing rade	VIIS62373	8. In addition to English/langu personnel to assist with Eng English-language learners (E	lish/language art	ts class instruct	ion for eighth-g	owing rade	VIB62173	R	In sub-item "d", an "s"
		Yes		No				Yes		No			was added to
a. Certified ELL/bilingual educ	ation teachers	- ⊗	- 1 1	Φ	VH562377	a. Certified ELL/bilingual educa	tion teachers	®		@	VH562377		"ELL".
b. Reading specialists or literac	and the second second second	00		Φ	VH562374	b. Reading specialists or literacy	coaches	@		•	VH562374		
. Speech pathologists		0		0	VH562375	c. Speech pathologists		@		©	VHSktats		
						1 6	-1 1						
 Paraprofessionals or teacher trained to work with studen 	aides who are ts who are ELL	⊗		Φ	VH562376	d. Paraprofessionals or teacher a trained to work with students	s who are	0		®	VHR58637		
Paraprofessionals or teacher trained to work with student e. Parent volunteers	aides who are ts who are ELL	Φ		Φ	VH562376 VH562378	trained to work with students ELLs e. Parent volunteers	s who are	Φ		(D)	VH582378		
d. Paraprofessionals or teacher	ts who are ELL		fected by a lack	Φ		trained to work with students	Learning a	and Instru		•	7.5	R	A sub-item
d. Paraprofessionals or teacher trained to work with student e. Parent volunteers 2017 Grade 8)	ts who are ELL		fected by a lack	Φ	VH562378	trained to work with students ELLs e. Parent volunteers Issue: Resources for 9. How much is your school's	Learning a	and Instru	fected by a lack		VH562378	R	was dropped
d. Paraprofessionals or teacher trained to work with student e. Parent volunteers 2017 Grade 8) 11. How much is your school's following resources? Select a Specialization in English/ language arts	ts who are ELL s ability to provid one circle in cac	de instruction af the row.		© of the	VH562378	trained to work with students ELLs e. Parent volunteers Issue: Resources for 9. How much is your school's	Learning a	and Instru		•	VH562378	R	was dropped to reduce school
d. Paraprofessionals or teacher trained to work with studenie. Parent volunteers 2017 Grade 8) 11. How much is your school's following resources? Select periodical specialization in English/	ability to provide one circle in each	de instruction af ch row.	Some	of the	VH562378	trained to work with students ELLs e. Parent volunteers Issue: Resources for 9. How much is your school's following resources? Select of the specialization in English/language arts b. Computer software for English/language arts	Learning a	and Instruction affinow.	fected by a lack	of the	VH502378	R	was dropped to reduce school
d. Paraprofessionals or teacher trained to work with student e. Parent volunteers 2017 Grade 8) 11. How much is your school's following resources? Select a. Teachers with a specialization in English/language arts 2. Computer software for English/language arts	ability to provid one circle in eac	de instruction af ch row. A little	Some ©	of the A lot	V1662376	Issue: Resources for 9. How much is your school's following resources? Select of a Teachers with a specialization in English/ language arts b. Computer software for	Learning a	and Instruction affine row.	fected by a lack Some ©	of the A lot	VH562378	R	was dropped to reduce school administrate

Appendix K-3t: Operational Grade 8 Reading

VH240022

- **1.** Is there a reading specialist available (full- or part-time) to eighth-grade students at your school?
 - Yes, available full-time to eighth-grade students
 - ® Yes, available part-time to eighth-grade students
 - © No

2. To what extent are each of the following a responsibility of the reading specialist(s) available to eighth-grade students at your school? Select **one** circle in each row.

VH240599

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide one-on-one help to students with various reading strategies (e.g., basic comprehension, making inferences, building vocabulary)	(4)	®	©	Θ	VH562871
b.	Provide one-on-one help to students at various achievement levels	(4)	®	0	0	VH259963

VH240023

- **3.** Is there a literacy coach available (full- or part-time) to eighth-grade teachers at your school?
 - Yes, available full-time to eighth-grade teachers
 - Yes, available part-time to eighth-grade teachers
 - © No

4. To what extent are each of the following a responsibility of the literacy coach(es) available to eighth-grade teachers at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	(4)	®	0	0	VH240604
b.	Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ language arts	(4)	®	0	0	VH240603

VH240605

5. To what extent is your school's English/language arts program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	®	®	0	0	VH240607
b. State curriculum standards or frameworks	(A)	B	0	0	VH240606
c. In-school curriculum frameworks and standards for learning	(A)	®	0	0	VH240609

6. To what extent does your school's eighth-grade English/language arts curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	A	®	0	0	VH240618
b. State assessments	A	®	0	0	VH240619
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	®	0	0	VH240617

VH240620

7. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for eighth-grade students with disabilities (SD)? Select **one** circle in each row.

		Yes	No	
a.	Special Education teachers (and related service providers)	®	®	VH240621
b.	Reading specialists or literacy coaches	(A)	®	VH240622
c.	Speech pathologists	A	®	VH240623
d.	Paraprofessionals or teacher aides who are trained to work with students with disabilities	®	®	VH240624
e.	Paraprofessionals or teacher aides who are not trained to work with students with disabilities	®	®	VH240627
f.	Parent volunteers	(A)	®	VH240626

8. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for eighth-grade English-language learners (ELLs)? Select **one** circle in each row.

	Yes	No	
a. Certified ELL/bilingual education teachers	A	8	VH562377
b. Reading specialists or literacy coaches	(A)	®	VH562374
c. Speech pathologists	(A)	®	VH562375
d. Paraprofessionals or teacher aides who are trained to work with students who are ELLs	0	®	VH858637
e. Parent volunteers	(A)	®	VH562378

VH260137

9. How much is your school's ability to provide instruction affected by a lack of the following resources? Select **one** circle in each row.

	Not at all	A little	Some	A lot	
a. Teachers with a specialization in English/ language arts	(A)	®	0	0	VH260138
b. Computer software for English/language arts instruction	(A)	®	0	0	VH260140
c. Library books	(A)	®	0	0	VH260142

Appendix K-3u: Summary of Changes Pilot Grade 8 Reading

Previous item						2019 item	D/A/ R/NC+	Rationale
 During the last two years, offered to teachers in your row. 	to what extent school focused	have professional on the following	development a Select one cir	ctivities cle in each	VH240553	N/A	D	This item was
	Not at all	Small extent	Moderate extent	Large extent	0.4			reduce school
Use of English/language arts across the curriculum	0	0	0	0	V11259997			administrato burden and
o. Interpreting and analyzing literature	Θ	.0	0	0	V1)240555			create
Interpreting and analyzing informational texts	0	0	0	0	VH240659			opportunity
l. Understanding the cognitive process of an individual when they are reading or writing	0	- ®	0	0	VH260000			for future development
. Use of scoring guides to evaluate student work	9	Φ	0	0	VH260001			developmen
Instructional strategies for teaching English/language arts	0	•	0	0	VH260002			
2017 Grade 8) 2. Is there a reading specialist your school? © Yes, available full-time t © Yes, available part-time © No Question 3 is not app	o eighth-grade to eighth-grade	students students	ighth-grade stu	idents at	VH200023	1. In addition to their regular English/language arts teacher, are there any additional full- or part-time English/language arts staff (e.g., English/language arts specialist, literacy coach, or speech pathologist) available to eighth-grade students at your school? ② Yes, available full-time to eighth-grade students ③ Yes, available part-time to eighth-grade students ③ No	R	The entire stem was revised. Please note inline directions ar different given transition
2017 Grade 8)						Issue: Resources for Learning and Instruction		from PBA to

				2	019	Pilot Grade 8 Rea	iding So	chool					
Previous item						2019 item						D/A/ R/NC+	Rationale
3. To what extent are each of available to eighth-grade st	the following a udents at your	responsibility of school? Select on	the reading sp e circle in each	ecialist(s) row.	VH340590	To what extent is each of the English/language arts staff one circle in each row.	ne following a available to ei	responsibility of t ighth-grade studer	he additional nts at your sch	ool? Select	VIRLING	R	"Reading specialist(s)"
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate	Large extent			was replaced
 Provide one-on-one help to students on various reading topics 	Θ	0	0	0	VII259962	Provide English/language arts course-related support,	. 301.5528		extent				with "additional
 Provide one-on-one help to students at various achievement levels 	0	•	0	0	V11259963	remediation, or intervention to individual students	•	Φ.	0	00	V21813106		English/langu
						b. Provide English/language arts course-related support, remediation, or intervention to groups of students	۵	0	.0	0	VH413107		age arts staff". Two sub- items
						 Provide English/language arts enrichment to individual students 	•	•	0	•	VH613108		were dropped
						d. Provide English/language arts enrichment to groups of students	@	(10)	0	0	VHSE3109		and seven sub-items
						e. Provide instruction for gifted and talented students	®	Ф	0	0	VHSIALIG		were added.
						f. Provide instruction for students with special needs (e.g., physical disabilities, mental or emotional/ psychological impairment)	Ø	®	0	0	A54019111		
						g. Provide instruction for English-language learners (ELLs)	⊗	(3)	0	0	VHs13142		
(2017 Grade 8)						Issue: Resources for	Learning	g and Instru	ction				
4. Is there a literacy coach availyour school?			th-grade teach	ers at	VII240023	Are there any additional full coach or supervisor, English, available to eighth-grade tea	language arts	lead teacher or de	arts staff (c.g., partment head	Reading	VIB(3150	R	The entire stem was
 Yes, available full-time t Yes, available part-time 													revised. Please note
O No Question 5 is not app	plicable and w	rill be skipped.				 Yes, available part-time t No 	o eighth-grade	teachers.					inline
						2 110							directions are
													different
													given
													transition
(2017 Grade 8)								1.					from PBA to
•						Issue: Resources for	Learning	g and Instru	ction				DBA.

revious item						2019 item						D/A/ R/NC+	Rationale
To what extent are each of available to eighth-grade te	rhe following a responsibility of the literacy coach(es) achers at your school? Select one circle in each row. Not at all Small extent Moderate extent Large extent					4. To what extent is each of the following a responsibility of the additional English/language arts staff available to eighth-grade teachers at your school? Select one circle in each row. Not at all Small extent Moderate extent Large extent							"Literacy coach(es)"
	Not at all	Small extent		Large extent			Not at all	Small avent	Moderate	Large extent			was replaced
Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	3	0	0	0	VF12405019	a. Provide assistance/support to individual teachers about English/language arts content or the teaching of	Φ	Ф	extent	®	VHB12(68		with "additional English/lang
Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ language arts	0	Φ	0	Φ	V71240503	English/language arts b. Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ language arts	•	Φ.	0	Φ	VHS1010M		age arts staff and two sub- items were
						c. Provide assistance/support to individual or groups of teachers with testing and collecting data	©	Œ	0	0	V16813471		added.
						I was a financial and a financial							
						d. Provide assistance/support to individual or groups of teachers in using technology and media to support reading/English/ language arts instruction	0	•	0	Φ	VIII.13172		
2017 Grade 8) 6. To what extent is your sch to the following resources?	Select one circ	le in each row.			V34540805	to individual or groups of teachers in using technology and media to support reading/English/	Learning	g and Instru	ction om structured :		VHALA172 VIII-4960S	R	Six sub-item were
To what extent is your sch to the following resources:			am structured : Moderate extent	according Large extent	VALSHMAN	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho to the following resources:	Learning	g and Instru	ction			R	
6. To what extent is your sch to the following resources:	Select one circ	le in each row.	Moderate		VH240K0 ²	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho	Learning	g and Instru	ction om structured. Moderate	according		R	were
6. To what extent is your sch to the following resources: District curriculum standards or curriculum guides . State curriculum standards or frameworks	Not at all	Small extent	Moderate extent	Large extent		to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho to the following resources: a. District curriculum standards or curriculum	Learning tol's English/la Select one circ Not at all	g and Instru	ction m structured. Moderate extent	Large extent	VICHNOS	R	were
6. To what extent is your sch to the following resources: District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning	Not at all	Small extent	Moderate extent	Large extent	V98240607	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho to the following resources: a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning rol's English/la Select one circ Not at all	g and Instru inguage arts progra- cle in each row. Small extent	Ction om structured Moderate extent	Large extent	V1(249005	R	
6. To what extent is your sch to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards	Not at all	Small extent	Moderate extent	Large extent	A4570005 A4570005	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho to the following resources? a. District curriculum standards or curriculum guides b. Stare curriculum standards or frameworks c. In-school curriculum	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progra- cle in each row. Small extent	ction om structured: Moderate extent ©	Large extent	V1G49605	R	were
6. To what extent is your sch to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district	Not at all	Small extent	Moderate extent © ©	Large extent	A4570005 A4570005	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho to the following resources: a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progra- cle in each row. Small extent	ction om structured: Moderate extent ©	Large extent	V1G49605	R	were
6. To what extent is your sch to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district assessments Results from state	Select one circ Not at all	Small extent	Moderate extent	Large extent	AHSTOSO AHSTOSO AHSTOSO	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho to the following resources: a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progra- cle in each row. Small extent	ction om structured: Moderate extent ©	Large extent	V1G49605	R	were
6. To what extent is your sch to the following resources: District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district assessments Results from state assessments Recommendations from school English/language	Not at all	Small extent Small extent Small extent	Moderate extent	Large extent	VHZMOKOP VHZMOKOP VHZMOKOP	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho to the following resources: a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progra- cle in each row. Small extent	ction om structured: Moderate extent ©	Large extent	V1G49605	R	were
6. To what extent is your sch to the following resources: District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district assessments Resoults from state assessments Recommendations from school English/language arts department Discretion of individual	Not at all Select one circ Not at all	Small extent Small extent Small extent Small extent	Moderate extent © © © © ©	Large extent	VHZ-MOKOP VHZ-MOKOP VHZ-MOKOP VHZ-MOKOP	to individual or groups of teachers in using technology and media to support reading/English/language arts instruction Issue: Resources for 5. To what extent is your scho to the following resources: a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	Learning ool's English/la Select one circ Not at all	g and Instru inguage arts progra- cle in each row. Small extent	ction om structured: Moderate extent ©	Large extent	V1G49605	R	were

Previous item						2019 item						D/A/ R/NC+	Rationale
To what extent does your sch focus on preparation for the f row.					V1040615	6. To what extent does your school's eighth-grade English/language arts curriculum focus on preparation for the following types of assessments? Select one circle in each row.							N/A
	Not at all	Small extent	Moderate extent	Large extent		1	Not at all	Small extent	Moderate extent	Large extent			
. District assessments	⊕	(3)	0	Φ	VH240618	a. District assessments	®	0	0	0	V1f240618		
. State assessments	®	0	0	Φ	VH240619	b. State assessments	0	(B)	0	0	V91240619		
c. School assessments (e.g., quizzes or tests created by teachers)	⊗	0	0	Φ	VHI240617	 c. School assessments (e.g., quizzes or tests created by teachers) 	Φ	•	0	0	VEQ40617		
2017 Grade 8)						Issue: Organization of	of Instruc	tion					
E. To what extent does your sche English/language arts teaching Not at all Small extent Moderate extent			ogy resources f	or	VIE02388	N/A						D	This item work dropped to reduce school administration burden and
2017 Grade 8)													create opportunity for future developme
9. In addition to English/langua	ish/language	arts class instruct	ion for eighth-		A154050	 In addition to English/langu personnel to assist with Eng students with disabilities (S 	lish/language	arts class instruct	ion for eighth-	llowing grade	VH241620	R	In sub-item "b", "not"
personnel to assist with Engl students with disabilities (SI		Yes	- 1	No				Yes		No	-		was bolded
personnel to assist with Engl students with disabilities (SE		8		(1)	V94240621	Special Education teachers (a service providers)	nd related	0		Φ	VH240821		
personnel to assist with Engl students with disabilities (SL Special Education teachers (an service providers)		-		0	VH240622	b. Reading specialists or literact	coaches	0		(3)	V15240622	1	
personnel to assist with Engl students with disabilities (SL . Special Education teachers (an service providers) . Reading specialists or literacy		Φ		0	VH240623	c. Speech pathologists		0		(8)	VH240623	1	
personnel to assist with Engl students with disabilities (SI. Special Education teachers (an service providers) Reading specialists or literacy Speech pathologists	coaches	Ø		4			-1						
personnel to assist with Engl students with disabilities (SL a. Special Education teachers (an service providers) b. Reading specialists or literacy c. Speech pathologists d. Paraprofessionals or teacher ai- trained to work with students disabilities	des who are			•	VH240624	d. Paraprofessionals or teacher : trained to work with student disabilities		@		(1)	VH240624		
personnel to assist with Engl students with disabilities (SI. a. Special Education teachers (an service providers) b. Reading specialists or literacy c. Specch pathologists d. Paraprofessionals or teacher aid trained to work with students	des who are with	Φ			VH240624 VH240627 VH240627	trained to work with student	s with ides who are	0		© ©	VIII240824 VIII858471		

Previous item						2019 item						D/A/ R/NC+	Rationale
10. In addition to English/lang personnel to assist with English language learners	nglish/language a	rts class instruct	tion for eighth-g	owing rade	VED-40704	8. In addition to English/lang personnel to assist with Er English-language learners	iglish/language a	rts class instruc	tion for eighth-	lowing grade	VIDSCOTS	R	One sub-iter was remove
		Yes		No				Yes		No			and in sub-
. Certified ELL/bilingual edu	cation teachers	0		0	VH240708	a. Certified ELL/bilingual educ	cation teachers	Ø		(D)	VH562377		item "d", "s
o. Reading specialists or litera	cy coaches	•		0	VH240705	b. Reading specialists or literac		9		(D)	V11562574		1
. Speech pathologists		90		(D)	V11240706	c. Speech pathologists	7 - 5000040	6 0		0	V18562375		was added
 Paraprofessionals or teacher trained to work with studen 	its who are ELL	Φ		0	VH240710	d. Paraprofessionals or teacher trained to work with studen		0	- 1	0	Vf858637		"ELL".
 Paraprofessionals or teacher not trained to work with str ELL 		0		(1)	VH240707	ELLs e. Parent volunteers		(b)		®	VH562378		
. Parent volunteers		Φ		0	VHZ4IIO9								
2017 (Grade 8)						Issue: Resources for	Learning	anu mstru	CLIOII				
2017 Grade 8) 11. How much is your school following resources? Select	s ability to provie t one circle in eac	le instruction af th row.	fected by a lack	of the	VMSMEET	How much is your school's following resources? Select	s ability to provid one circle in cac	le instruction af th row.	fected by a lack	of the	VH260.37	R	A sub-item
11. How much is your school	s ability to provid t one circle in each	de instruction af ch row.	fected by a lack	of the	Villaggy	How much is your school following resources? Select	s ability to provid one circle in eac Not at all	le instruction af th row.	fected by a lack Some	of the	VH2H0137	R	A sub-item was remove
11. How much is your school following resources? Select a. Teachers with a specialization in English/language arts	t one circle in eac	ch row.	22131.6		VHENTET	a. Teachers with a specialization in English/	one circle in cac	ch row.			VH280137	R	
11. How much is your school following resources? Select Teachers with a specialization in English/language arts	Not at all	A little	Some	A lot		a. Teachers with a specialization in English/ language arts b. Computer software for English/language arts	Not at all	A little	Some	A lot		R	
11. How much is your school following resources? Select Teachers with a specialization in English/language arts 6. Computer software for English/language arts	Not at all	A little	Some ©	A lot	ARSonas	a. Teachers with a specialization in English/ language arts b. Computer software for	Not at all	A little	Some ©	A lot	V112A01.88	R	

Appendix K-3v: Pilot Grade 8 Reading

- 1. In addition to their regular English/language arts teacher, are there any additional full- or part-time English/language arts staff (e.g., English/language arts specialist, literacy coach, or speech pathologist) available to eighth-grade students at your school?
 - Yes, available full-time to eighth-grade students
 - ® Yes, available part-time to eighth-grade students
 - © No

2. To what extent is each of the following a responsibility of the additional English/language arts staff available to eighth-grade students at your school? Select one circle in each row.

VH813105

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide English/language arts course-related support, remediation, or intervention to individual students	®	®	0	0	VH813106
b.	Provide English/language arts course-related support, remediation, or intervention to groups of students	(A)	®	0	Θ	VH813107
c.	Provide English/language arts enrichment to individual students	(A)	®	©	0	VH813108
d.	Provide English/language arts enrichment to groups of students	(A)	®	0	0	VH813109
e.	Provide instruction for gifted and talented students	(A)	®	0	0	VH813110
f.	Provide instruction for students with special needs (e.g., physical disabilities, mental or emotional/ psychological impairment)	®	®	0	0	VH813111
g.	Provide instruction for English-language learners (ELLs)	(A)	®	0	0	VH813112

- **3.** Are there any **additional** full- or part-time English/language arts staff (e.g., Reading coach or supervisor, English/language arts lead teacher or department head) **available to eighth-grade teachers** at your school?
 - Yes, available full-time to eighth-grade teachers
 - ® Yes, available part-time to eighth-grade teachers
 - © No

4. To what extent is each of the following a responsibility of the **additional** English/language arts staff **available to eighth-grade teachers** at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	®	®	©	0	VH813168
b.	Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ language arts	®	®	©	0	VH813169
c.	Provide assistance/support to individual or groups of teachers with testing and collecting data	®	(B)	0	0	VH813171
d.	Provide assistance/support to individual or groups of teachers in using technology and media to support reading/English/ language arts instruction	(A)	®	0	0	VH813172

5. To what extent is your school's English/language arts program structured according to the following resources? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	District curriculum standards or curriculum guides	(A)	®	©	0	VH240607
b.	State curriculum standards or frameworks	A	B	0	0	VH240606
c.	In-school curriculum frameworks and standards for learning	(A)	(B)	0	0	VH240609

VH240615

6. To what extent does your school's eighth-grade English/language arts curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	(A)	®	0	0	VH240618
b. State assessments	(A)	®	0	0	VH240619
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	(8)	0	0	VH240617

7. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for eighth-grade students with disabilities (SD)? Select **one** circle in each row.

		Yes	No	
a.	Special Education teachers (and related service providers)	0	®	VH240621
b.	Reading specialists or literacy coaches	(A)	®	VH240622
c.	Speech pathologists	(A)	®	VH240623
d.	Paraprofessionals or teacher aides who are trained to work with students with disabilities	0	®	VH240624
e.	Paraprofessionals or teacher aides who are not trained to work with students with disabilities	0	©	VH858471
f.	Parent volunteers	(A)	®	VH240626

8. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for eighth-grade English-language learners (ELLs)? Select **one** circle in each row.

	Yes	No	
a. Certified ELL/bilingual education teachers	A	®	VH562377
b. Reading specialists or literacy coaches	(A)	®	VH562374
c. Speech pathologists	(A)	®	VH562375
d. Paraprofessionals or teacher aides who are trained to work with students who are ELLs	(®	VH858637
e. Parent volunteers	(A)	®	VH562378

VH260137

9. How much is your school's ability to provide instruction affected by a lack of the following resources? Select **one** circle in each row.

	Not at all	A little	Some	A lot	
a. Teachers with a specialization in English/ language arts	(A)	®	©	0	VH260138
b. Computer software for English/language arts instruction	(8)	®	0	0	VH260140
c. Library books	(A)	®	0	0	VH260142
d. Class sets of books (e.g., literature books)	(A)	®	0	0	VH855315

Appendix K-3w: Summary of Changes Operational Grade 12 Reading

						2019 item						D/A/ R/NC+	Rationale
During the last two years, offered to teachers in you row.	to what extent school focused	have professional on the following	development a Select one cir	nctivities cle in each	VH240553	N/A						D	This item wa dropped to
	Not at all	Small extent	Moderate extent	Large extent									reduce school
. Use of English/language arts across the curriculum	0	®	0	•	VH259997								administrato
o. Interpreting and analyzing literature	0	®	0	0	VH240555								burden and
. Interpreting and analyzing informational texts	a	®	0	0	VH240559								create
l. Understanding the cognitive process of an individual when they are reading or writing	®	■	0	0	VH260000								opportunity for future
. Use of scoring guides to evaluate student work	0	®	0	•	VH260001								developmer
 Instructional strategies for teaching English/language arts 	0	•	0	0	VH260002								
 Yes, available part-time No 	to twelfth-grade	students				 Yes, available full-time to Yes, available part-time to No 							directions and different given
						Issue: Resources fo	r Learnir	ng and Inst	truction				transition from PBA to
018 Grade 12) 3. To what extent are each of available to twelfth-grade:	the following a students at your	responsibility of t	he reading spe e circle in each	cialist(s)	VH240714	Issue: Resources for a vailable to twelfth-grade s	he following a	responsibility of	f the reading spe	ecialist(s) h row.	VH240714	NC	_
018 Grade 12) 3. To what extent are each of	the following a students at your Not at all	responsibility of t school? Select on Small extent	he reading spe e circle in each Moderate extent	cialist(s) row.	VH240714	2. To what extent are each of	he following a	responsibility of	f the reading spe	ecialist(s) h row.	VH240714	NC	transition from PBA to DBA.
018 Grade 12) 3. To what extent are each of	tudents at your	school? Select on	Moderate	row.	VH240714	2. To what extent are each of	he following a udents at your	responsibility of r school? Select o	f the reading spe ne circle in each	h row.	VH240714 VH240715	NC	transition from PBA to DBA.

revious item						2019 item						D/A/ R/NC+	Rationale
4. Is there a literacy coach availy your school? To Yes, available full-time to Yes, available part-time to No 2018 Grade 12)	twelfth-grade t	eachers	n-grade teachers		VH240025	3. Is there a literacy coach avail your school? ② Yes, available full-time to ③ Yes, available part-time to ③ No Issue: Resources fo	o twelfth-grado	e teachers e teachers		hers at	VIT24002S	NC	N/A
To what extent are each available to twelfth-grad	of the following e teachers at you	a responsibility of ir school? Select o	f the literacy co ne circle in eac	oach(es) h row.	VH240718	To what extent are each of t available to twelfth-grade te	the following a eachers at your	responsibility of school? Select or	the literacy coa ne circle in each	ach(es) n row.	VH240718	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
a. Provide assistance/suppor to individual teachers about English/language ar content or the teaching of English/language arts	ts 🐵	Φ	O	٥	VH240720	a. Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	•	•	0	Φ	VH240720		
b. Conduct professional development for groups of teachers about English/ language arts content or	((8)	0	Φ	VH240719	b. Conduct professional development for groups of teachers about English/ language arts content or	0	•	0	0	VH240719		
the teaching of English/ language arts						the teaching of English/ language arts	or Learnin	og and Inst	ruction				
the teaching of English/ language arts			Moderate	ccording Large extent	VH240605	the teaching of English/	ool's English/la	nnguage arts progr	a Turbret	according	VH240605	R	Sub-items were droppe
the teaching of English/language arts 2018 Grade 12) 6. To what extent is your scheto the following resources? District curriculum standards or curriculum	Select one circle	e in each row.			VH240605	the teaching of English/ language arts Issue: Resources fo 5. To what extent is your school	ool's English/la	nnguage arts progr	a Turbret	according Large extent	VH240605	R	
the teaching of English/language arts 2018 Grade 12) 6. To what extent is your sche to the following resources? District curriculum standards or curriculum guides State curriculum standards	Not at all	Small extent	Moderate extent	Large extent		the teaching of English/ language arts Issue: Resources fo 5. To what extent is your scho to the following resources? a. District curriculum standards or curriculum	ool's English/la Select one circ	inguage arts progr cle in each row.	am structured		VH240605	R	were droppe to reduce school
the teaching of English/language arts 2018 Grade 12) 6. To what extent is your sch to the following resources? 1. District curriculum standards or curriculum guides 5. State curriculum standards or frameworks 2. In-school curriculum frameworks and standards	Not at all	Small extent	Moderate extent ©	Large extent	VH240607	Issue: Resources fo 5. To what extent is your scho to the following resources? a. District curriculum	ool's English/la Select one circ Not at all	anguage arts progr cle in each row.	Moderate extent	Large extent		R	were droppe to reduce school administrate burden and
the teaching of English/language arts 2018 Grade 12) 6. To what extent is your sche to the following resources? District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district	Not at all	Small extent	Moderate extent ©	Large extent	VH240607 VH240606	the teaching of English/language arts Issue: Resources fo 5. To what extent is your school to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/la Select one circ Not at all	inguage arts progrele in each row. Small extent	Moderate extent	Large extent	VH240607	R	were droppe to reduce school administrate burden and create
the teaching of English/language arts 2018 Grade 12) 6. To what extent is your sche to the following resources? 1. District curriculum standards or curriculum guides 2. In-school curriculum frameworks and standards for learning	Not at all	Small extent	Moderate extent © ©	Large extent	VH240607 VH240606 VH240609	the teaching of English/language arts Issue: Resources fo 5. To what extent is your schoot to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum	ool's English/le Select one circ Not at all	singuage arts progrele in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were droppe to reduce school administrate burden and
the teaching of English/language arts 2018 Grade 12) 6. To what extent is your sche to the following resources? District curriculum standards or curriculum guides or state curriculum standards or frameworks In-school curriculum frameworks and standards for learning Results from district assessments Results from state	Not at all	Small extent	Moderate extent © ©	Large extent	VH240607 VH240606 VH240609 VH586890	the teaching of English/language arts Issue: Resources fo 5. To what extent is your school to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/le Select one circ Not at all	singuage arts progrele in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were droppe to reduce school administrate burden and create opportunity for future
the teaching of English/language arts 2018 Grade 12) 6. To what extent is your sche to the following resources? 1. District curriculum standards or curriculum guides 1. State curriculum standards or frameworks 2. In-school curriculum frameworks and standards for learning 3. Results from district assessments 4. Results from state assessments 5. Recommendations from school English/language arts department 5. Discretion of individual teachers	Not at all Not at all Select one circle	Small extent	Moderate extent © © © ©	Large extent	VH240607 VH240606 VH240609 VH586890 VH240608	the teaching of English/language arts Issue: Resources fo 5. To what extent is your school to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/le Select one circ Not at all	singuage arts progrele in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were dropped to reduce school administrate burden and create opportunity
the teaching of English/language arts 2018 Grade 12) 6. To what extent is your sche to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning l. Results from district assessments c. Results from state assessments c. Recommendations from school English/language arts department 3. Discretion of individual	Not at all O O O	Small extent D D D	Moderate extent © © © © ©	Large extent	VH240607 VH240606 VH240609 VH546690 VH240608 VH240608	the teaching of English/language arts Issue: Resources fo 5. To what extent is your school to the following resources? a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's English/le Select one circ Not at all	singuage arts progrele in each row. Small extent	Moderate extent	Large extent	VH240607 VH240606	R	were droppe to reduce school administrate burden and create opportunity for future

Previous item						2019 item						D/A/ R/NC+	Rationale
7. To what extent does your s focus on preparation for the row.	school's twelfth e following type	-grade English/lar es of assessments	nguage arts cur ? Select one cir	riculum cle in each	VH240721	To what extent does your s focus on preparation for the row.	chool's twelfth following type	-grade English/lar es of assessments?	iguage arts cur Select one cir	riculum cle in each	VH240721	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
District assessments	0	®	0	Φ	VH240724	a. District assessments	0	•	0	Φ	VH240724		
b. State assessments	(4)	®	0	0	VH240725	b. State assessments	Ø	•	0	0	VH240725		
 School assessments (e.g., quizzes or tests created by teachers) 	a	(8)	0	•	VH240723	c. School assessments (e.g., quizzes or tests created by teachers)	0	0	0	0	VH240723		
2018 Grade 12)					VH592388	Issue: Organization	of Instru	uction					
. To what extent does your sch English/language arts teachin Not at all Small extent Moderate extent Large extent 2018 Grade 12)			y resources in										dropped to reduce school administrato burden and create opportunity for future developmen
9. In addition to English/lang personnel to assist with En students with disabilities (glish/language	arts class instruct	ion for twelfth-	lowing grade	VH240726	In addition to English/lang personnel to assist with Er students with disabilities (iglish/language	arts class instruc	ction for twelft	ollowing th-grade	VH240725-	NC	N/A
		Yes		No				Yes		No			
 Special Education teachers (a service providers) 		®		(5)	VH240727	Special Education teachers (service providers)	and related	0		Φ.	VH240727		
b. Reading specialists or literac	y coaches	•		•	VH240728	b. Reading specialists or literac	y coaches	0		0	VH240728		
0 1 1 1	at december 2	@	_	(3)	VH240729	c. Speech pathologists		(3)		®	VH240729		1
c. Speech pathologists	aides who are	•	_111_	(8)	VH240733	d. Paraprofessionals or teacher trained to work with studen disabilities		0		Ф	VH240733		
c. Speech pathologists d. Paraprofessionals or teacher trained to work with student disabilities e. Parent volunteers	1000,000	00		(1)	VH240730								

revious item						2019 item						D/A/ R/NC+	Rationale
10. In addition to English/lang personnel to assist with En English language learners (glish/language a	rts class instruc	tion for twelfth	llowing i-grade	VH240734	8. In addition to English/langu personnel to assist with Eng English-language learners (E	glish/language a	rts class instruct	ion for twelfth-gr		VH860277	R	In the stem, an en dash
		Yes		No				Yes		No			was added
a. Reading specialists or literac	y coaches	0		(1)	VH240735	a. Certified ELL/bilingual educa	ation teachers	Φ		10	VH860283		
b. Speech pathologists		@	- 1	(1)	VH240736	b. Reading specialists or literacy	y coaches	®	- 3	®	VH860278		between
c. Certified ELL/bilingual educ		@		®	VH240737	c. Speech pathologists		®	- 6	®	VH860279		"English" an
d. Paraprofessionals or teacher trained to work with student e. Parent volunteers	ts who are ELL	®		8	VH240741 VH240738	d. Paraprofessionals or teacher a trained to work with students	aides who are ts who are	0		(8)	VH860280		"language"
e. Faient volunteers		•		(1)	VI1240/36	ELLs e. Parent volunteers		®		®	VH860281		and an "s"
						e. Tatent votanteers							was added t
2018 Grade 12)						Issue: Resources for	r Learning	g and Inst	ruction				"ELL". In sub
OTO GLANE IZI													
010 Grade 12)													
.010 Graue 12)													"s" was
2010 Glade 12)													"s" was added to
2010 Glade 12)													"s" was added to
2010 Grade 12)													"s" was added to "ELL" and or
2010 Grade 12)													added to "ELL" and or sub-item wa
11. How much is your school's			ffected by a lacl	k of the	VH2:01.37	9. How much is your school's a			fected by a lack o	of the	VH280137	R	"s" was added to "ELL" and or
,	one circle in eac	ch row.			VII260137	9. How much is your school's a following resources? Select o			fected by a lack of	f the	V10260137	R	"s" was added to "ELL" and or sub-item wadropped. A sub-item
11. How much is your school's following resources? Select			ffected by a lack	k of the	VH260137				fected by a lack of	of the	VI(260137	R	"s" was added to "ELL" and or sub-item wa dropped. A sub-item was dropped
11. How much is your school's following resources? Select a. Teachers with a specialization in English/	one circle in eac	ch row.			VH260137	a. Teachers with a specialization in English/	one circle in eac	ch row.			VID:6137	R	"s" was added to "ELL" and or sub-item wadropped. A sub-item
11. How much is your school's following resources? Select a. Teachers with a specialization in English/language arts. b. Computer software for	One circle in each	A little	Some	A lot		a. Teachers with a specialization in English/ language arts	Not at all	A little	Some	A lot	H	R	"s" was added to "ELL" and or sub-item was dropped. A sub-item was dropped to reduce school
11. How much is your school's following resources? Select 1. Teachers with a specialization in English/language arts 1. Computer software for English/language arts instruction	Not at all	A little	Some ©	A lot	VH260140	a. Teachers with a specialization in English/	Not at all	A little	Some	A lot	H	R	"s" was added to "ELL" and or sub-item was dropped. A sub-item was droppe to reduce school administrate
11. How much is your school's following resources? Select a. Teachers with a specialization in English/ language arts b. Computer software for English/language arts instruction c. Library books	One circle in each	A little	Some	A lot		a. Teachers with a specialization in English/language arts b. Computer software for English/language arts	Not at all	A little	Some	A lot	VH260138	R	"s" was added to "ELL" and or sub-item was dropped. A sub-item was dropped to reduce school administrate burden and
11. How much is your school's following resources? Select a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books d. Audio-visual resources for English/language arts	Not at all	A little	Some ©	A lot	VH260140	a. Teachers with a specialization in English/ language arts b. Computer software for English/language arts instruction	Not at all	A little	Some ©	A lot	VH260138 VH260140	R	"s" was added to "ELL" and or sub-item was dropped. A sub-item was dropped to reduce school administrate burden and create
11. How much is your school's following resources? Select a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books d. Audio-visual resources for	Not at all	A little	Some © ©	A lot	VH260140 VH260142	a. Teachers with a specialization in English/ language arts b. Computer software for English/language arts instruction	Not at all	A little	Some ©	A lot	VH260138 VH260140	R	"s" was added to "ELL" and or sub-item was dropped. A sub-item was dropped to reduce school administrate burden and create opportunity
a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books d. Audio-visual resources for English/language arts instruction	Not at all	A little	Some © ©	A lot	VH260140 VH260142	a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books	Not at all	A little	Some ©	A lot	VH260138 VH260140	R	"s" was added to "ELL" and or sub-item was dropped. A sub-item was dropped to reduce school administrate burden and create
11. How much is your school's following resources? Select a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books d. Audio-visual resources for English/language arts	Not at all	A little	Some © ©	A lot	VH260140 VH260142	a. Teachers with a specialization in English/ language arts b. Computer software for English/language arts instruction	Not at all	A little	Some ©	A lot	VH260138 VH260140	R	"s" was added to "ELL" and or sub-item was dropped. A sub-item was dropped to reduce school administrate burden and create opportunity
a. Teachers with a specialization in English/language arts instruction b. Library books d. Audio-visual resources for English/language arts instruction c. Library books d. Audio-visual resources for English/language arts instruction	Not at all	A little	Some © © ©	A lot	VH260140 VH260142	a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books	Not at all	A little	Some ©	A lot	VH260138 VH260140	R	"s" was added to "ELL" and or sub-item was dropped. A sub-item was dropped to reduce school administrate burden and create opportunity for future
a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books d. Audio-visual resources for English/language arts instruction 2018 Grade 12)	Not at all	A little	Some © © ©	A lot	VH260140 VH260142 VH260143	a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books Issue: Resources for	Not at all	A little	Some ©	A lot	VH2x6138 VH2x6140 VH2x6142		"s" was added to "ELL" and or sub-item was dropped. A sub-item was dropped to reduce school administrate burden and create opportunity for future developmer
a. Teachers with a specialization in English/language arts instruction c. Library books d. Audio-visual resources for English/language arts instruction 2018 Grade 12)	Not at all	A little	Some © © ©	A lot	VH260140 VH260142 VH260143	a. Teachers with a specialization in English/language arts b. Computer software for English/language arts instruction c. Library books	Not at all	A little	Some ©	A lot	VH2x6138 VH2x6140 VH2x6142		"s" was added to "ELL" and o sub-item was dropped. A sub-item was droppe to reduce school administration burden and create opportunity for future developments.

revious iter	m								2019 item								D/A/ R/NC+	Rationale			
13. Are courses of following subject					ur school ir	n each of the	e	VH240742	11. Are courses of at following subject	least one semest ts? Select one cir	ter in length t cle in each ro	aught in yo w.	ur school i	n each of th	ne	VH240742	NC	N/A			
				Yes		No						Yes	-	No	0						
a. Advanced Place Composition	ment Englis	sh Languag	ge and	0		•		VH240743	a. Advanced Placeme Composition	ent English Lang	uage and	0		(8))	VH240743					
 Advanced Place and Compositio 	on			0		(1)		VH240745	b. Advanced Placeme and Composition	ent English Litera	ature	0		•	>	VH240745					
c. English language an introductory	course)		1400	(4)		•		VH240747	c. English language a an introductory co	and composition	(beyond	0		•)	VH240747					
 d. English literatur an introductory 		oosition (be	eyond	(8)		•		VH240748	d. English literature a	and composition	(beyond	®		(B))	VH240748					
		~						_	an introductory co	nirca)						1500 10100					
da wasan i	12)	12. 1.	7	his vear's o	raduating c	slass has en	74. CA	VH240746	an introductory co e. International Bacco Issue: Organi 12. Approximately w	ization of l	nstructi	this year's gr	raduating c	lass has enr	rolled in a	VH240746	NC	N/A			
e. International Ba 2018 Grade 14. Approximately English/langua, circle in each re (Dual credit is oboth high school include public a or vocational se, articulated or fe NOT include A	what percei ge arts acade ow. defined for t ol and posts and private a chools. The	ntage of st emic cours this survey econdary of 2- or 4-yea dual credii	udents in t se for dual or r as a course credits for t ir colleges of t options m	his year's g credit taugh e or prograr he same co or universiti ust either I n your scho	nt at the fol m where his urses. Poste ies, commu- be legislate ool and a po	class has en lowing loca gh school st secondary i unity colleg d by your st systecondary	rolled in a ations? Se tudents ca nstitution es, and te tate or ha	viizao750 an elect one an earn ans echnical ve an	e. International Bacc. Issue: Organi	ization of l that percentage of arts academic core. fined for this sur and postsecondar d private 2- or 4- cools. The dual cr mal written agree	Instructi f students in tourse for dual vey as a course ry credits for eyear colleges edit options in ement between	On this year's good greed it taughte or program the same color universiting there is no your school on the same that there is there is no your school on the same color universiting the same than your school on your	t at the following where his curses. Posts es, commune legislates of and a po	llass has enr lowing loca gh school st secondary ir mity college d by your st ststsecondary	rolled in a titions? Sel tudents ca nstitution es, and tec tate or hav	vii240746 Vii240750 n ect one n earn s chnical	NC	N/A			
2018 Grade 14. Approximately English/language circle in each re (Dual credit is a both high schoot include public or vocational se articulated or fe	what percei ge arts acade ow. defined for t ol and posts and private a chools. The	ntage of st emic cours this survey econdary of 2- or 4-yea dual credii	udents in t se for dual or r as a course credits for t ir colleges of t options m	his year's g credit taugh e or prograr he same co or universiti ust either I n your scho	nt at the fol m where his urses. Poste ies, commu- be legislate ool and a po	class has en lowing loca gh school st secondary i unity colleg d by your st systecondary	rolled in a ations? Se tudents ca nstitution es, and te tate or ha	viizao750 an elect one an earn ans echnical ve an	e. International Bacc. Issue: Organi 12. Approximately w English/language circle in each row (Dual credit is de both high school include public an or vocational sch articulated or for	ization of l that percentage of arts academic core. fined for this sur and postsecondar d private 2- or 4- cools. The dual cr mal written agree	nstructi f students in the students in the students in the students in the students of the students in the stu	On this year's good greed it taughte or program the same color universiting there is no your school on the same that there is there is no your school on the same color universiting the same than your school on your	t at the following where his curses. Posts es, commune legislates of and a po	llass has enr lowing loca gh school st secondary ir mity college d by your st ststsecondary	rolled in a titions? Sel tudents ca nstitution es, and tec tate or hav	vii240746 Vii240750 n ect one n earn s chnical	NC	N/A			
2018 Grade 14. Approximately English/language circle in each re (Dual credit is a both high schoot include public or vocational se articulated or fe	what percei ge arts acade ow. defined for to ol and posts and private chools. The cormal writte Advanced Pla	ntage of st emic cours this survey econdary c 2- or 4-yea dual credi en agreeme acement an	udents in t se for dual of r as a course credits for t r colleges of t options m ent between nd Internat	his year's g credit taugh e or prograr he same co or universit ust either l u your scho ional Bacca	nt at the fol m where his urses. Posts ies, commu pe legislate ol and a po laureate® c	class has enti- llowing loca gh school st secondary is unity colleged by your st setsecondary courses.)	rolled in a tions? Se tudents constitution es, and te tate or ha y instituti	viizao750 an elect one an earn ans echnical ve an	e. International Bacc. Issue: Organi 12. Approximately w English/language circle in each row (Dual credit is de both high school include public an or vocational sch articulated or for	ization of lateral process and academic cov. If the form this sur and postsecond diprivate 2- or 4- ools. The dual cr mal written agree wanced Placemen	nstructi f students in the students in the students in the students in the students of the students in the stu	On this year's greedit taugh the or program the same cor or universiti nus either h nu your scho tional Bacca	t at the following where his arses. Posts es, commune legislate old and a pollowing and a pollowing the contract of the contra	class has em lowing loca gh school st secondary in inity college d by your st ststecondary courses.)	rolled in a tions? Sel tudents ca nstitution es, and tec tate or hav y institution	vii240746 Vii240750 n ect one n earn s chnical	NC	N/A			
2018 Grade 14. Approximately English/languagircle in each re (Dual credit is oboth high school include public or vocational searticulated or fo NOT include A	what perceing arts acade on defined for to and poststand private chools. The ormal writte Advanced Pla	ntage of st emic cours this survey econdary c 2- or 4-yea dual credi en agreeme acement an	udents in t se for dual d r as a cours credits for t r colleges c t options r ent betwee nd Internat	his year's g redit taugh e or prograr he same co or universit uust either I n your scho ional Bacca	nt at the following the tat the following the tat the following the tat the ta	class has entlowing loca gh school st secondary it mitty colleg d by your st ststeccondary courses.)	rolled in a titions? Se titudents constitution ces, and te tate or ha y institution Over 75%	an viiziorso an elect one an earn ns chnical ve an ion. Do	e. International Bacc. Issue: Organi 12. Approximately w English/language circle in each row (Dual credit is de both high school include public an or vocational sch articulated or for NOT include Adv	ization of light that percentage of arts academic cov. fined for this sur and postsecondai diprivate 2- or 4- ools. The dual cr mal written agree wanced Placemen	f students in the formal forma	chis year's greedit taugh se or program the same coror universiti nust either han your schotional Bacca	t at the following the target of	allass has enrilowing loca gh school st secondary in mity college d by your st ststecondary sourses.)	rolled in a titions? Sel tudents ca nstitution es, and tec tate or hav y institution	viii240746	NC	N/A			

Appendix K-3x: Operational Grade 12 Reading

VIL	17/	100	124

- **1.** Is there a reading specialist available (full- or part-time) to twelfth-grade students at your school?
 - Yes, available full-time to twelfth-grade students
 - Yes, available part-time to twelfth-grade students
 - © No

2. To what extent are each of the following a responsibility of the reading specialist(s) available to twelfth-grade students at your school? Select **one** circle in each row.

VH240714

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide one-on-one help to students with various reading strategies (e.g., basic comprehension, making inferences, building vocabulary)	(®	©	Φ	VH240715
b.	Provide one-on-one help to students at various achievement levels	(8)	®	0	Θ	VH240716

VH240025

- **3.** Is there a literacy coach available (full- or part-time) to twelfth-grade teachers at your school?
 - Yes, available full-time to twelfth-grade teachers
 - ® Yes, available part-time to twelfth-grade teachers
 - © No

4. To what extent are each of the following a responsibility of the literacy coach(es) available to twelfth-grade teachers at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide assistance/support to individual teachers about English/language arts content or the teaching of English/language arts	(4)	®	0	0	VH240720
b.	Conduct professional development for groups of teachers about English/ language arts content or the teaching of English/ language arts	(9)	®	0	0	VH240719

VH240605

5. To what extent is your school's English/language arts program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	(A)	®	0	0	VH240607
b. State curriculum standards or frameworks	A	B	0	0	VH240606
c. In-school curriculum frameworks and standards for learning	(4)	®	©	0	VH240609

6. To what extent does your school's twelfth-grade English/language arts curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	A	®	0	0	VH240724
b. State assessments	A	®	0	0	VH240725
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	®	0	0	VH240723

VH240726

7. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for twelfth-grade students with disabilities (SD)? Select **one** circle in each row.

	Yes	No	
a. Special Education teachers (and related service providers)	(A)	®	VH240727
b. Reading specialists or literacy coaches	(A)	®	VH240728
c. Speech pathologists	(A)	®	VH240729
d. Paraprofessionals or teacher aides who are trained to work with students with disabilities	®	®	VH240733
e. Parent volunteers	A	®	VH240730

8. In addition to English/language arts teachers, does your school have the following personnel to assist with English/language arts class instruction for twelfth-grade English-language learners (ELLs)? Select **one** circle in each row.

	Yes	No	
a. Certified ELL/bilingual education teachers	(A)	®	VH860283
b. Reading specialists or literacy coaches	A	®	VH860278
c. Speech pathologists	(A)	®	VH860279
d. Paraprofessionals or teacher aides who are trained to work with students who are ELLs	0	®	VH860280
e. Parent volunteers	(A)	®	VH860281

9. How much is your school's ability to provide instruction affected by a lack of the following resources? Select **one** circle in each row.

VH260137

	Not at all	A little	Some	A lot	
a. Teachers with a specialization in English/ language arts	®	®	0	0	VH260138
b. Computer software for English/language arts instruction	®	8	0	0	VH260140
c. Library books	A	®	0	0	VH260142

VH240026

- 10. Does your school offer online English/language arts courses for credit?
 - A Yes
 - ® No

11. Are courses of at least one semester in length taught in your school in each of the following subjects? Select **one** circle in each row.

	Yes	No	
a. Advanced Placement English Language and Composition	0	®	VH240743
b. Advanced Placement English Literature and Composition	(4)	®	VH240745
c. English language and composition (beyond an introductory course)	®	®	VH240747
d. English literature and composition (beyond an introductory course)	®	®	VH240748
e. International Baccalaureate® Language A1	(A)	®	VH240746

VH240750

12. Approximately what percentage of students in this year's graduating class has enrolled in an English/language arts academic course for dual credit taught at the following locations? Select **one** circle in each row.

(Dual credit is defined for this survey as a course or program where high school students can earn both high school and postsecondary credits for the same courses. Postsecondary institutions include public and private 2- or 4-year colleges or universities, community colleges, and technical or vocational schools. The dual credit options must either be legislated by your state or have an articulated or formal written agreement between your school and a postsecondary institution. Do NOT include Advanced Placement and International Baccalaureate[®] courses.)

	0%	1–5%	6–10%	11–25%	26–50%	51–75%	Over 75%	
a. On your high school campus	A	®	©	0	©	Ē	©	VH240751
b. On a postsecondary campus	(4)	®	O	0	(E)	Ē	©	VH240752
c. Through distance learning	(4)	®	0	0	Œ	Ð	©	VH240753

Appendix K-3y: Summary of Changes Operational Grade 4 Mathematics

Previous item	2019 item		D/A/ R/NC+	Rationale
I. In your school, are fourth-grade students from different classes typically grouped for mathematics instruction by achievement levels (so that some instruction groups are higher in average mathematics achievement levels than others)? Yes No (2017 Grade 4)	1. In your school, are fourth-grade students from different classes typically grouped for mathematics instruction by achievement levels (so that some instruction groups are higher in average mathematics achievement levels than others)? Yes No Issue: Resources for Learning and Instruction	VH270370	NC	N/A
2. In your school, how often are fourth-grade students' mathematics placements evaluated? ② Once a year ③ Once a marking period (semester, trimester) ② More than once a marking period ③ Students are not grouped by achievement level.	2. In your school, how often are fourth-grade students' mathematics placements evaluated? ② Once a year ③ Once a marking period (semester, trimester) ⑤ More than once a marking period (semester, trimester) ⑤ Students are not grouped by achievement level. Issue: Organization of Instruction	VIE20371	R	The phrase "(semester/tr imester)" was added to response option "c".
3. This year, how many fourth-grade teachers are teaching mathematics in your school? Enter the number of teachers.		VII591761	NC	N/A
4. Is there a mathematics coach available (full- or part-time) to fourth-grade teachers at your school? ② Yes, available full-time to fourth-grade teachers ③ Yes, available part-time to fourth-grade teachers ③ No Question 5 is not applicable and will be skipped. (2017 Grade 4)	4. Is there a mathematics coach available (full- or part-time) to fourth-grade teachers at your school? ② Yes, available full-time to fourth-grade teachers ③ Yes, available part-time to fourth-grade teachers ③ No Issue: Resources for Learning and Instruction	VICESOS	NC	Please note that no content changes were made to the item but the skip pattern text was removed from the item given the transition from PBA to DBA.

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
To what extent are each of coach(es) available to four row,	responsibility of rs at your school?	cs de in each	5. To what extent are each of coach(es) available to fourt row.	the following a h-grade teache	a responsibility of ers at your school	the mathemat ? Select one cir	ics cle in each	VH240915	NC	N/A			
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
a. Provide support or assistance about mathematics content	@	0	0	0	VHUBINI 6	Provide support or assistance about mathematics content	0	•	0	0	VH240916		
b. Provide support or assistance about the teaching of mathematics to individual teachers	00	9	0	0	VH240917	b. Provide support or assistance about the teaching of mathematics to individual teachers	®	(1)	0	•	VH240917		
c. Conduct professional development about mathematics or the teaching of mathematics for groups of teachers	0	Φ	0	Φ	унциона	c. Conduct professional development about mathematics or the teaching of mathematics for groups of teachers	®	•	0	•	VH240918		
2017 Grade 4)				S	VH270595	Issue: Resources for N/A	Learnin	g and Insti	ruction			D	This item wa
 To what extent does your sch mathematics teaching and lea 		-to-date technolog	gy resources to	r		,							dropped
Not at all													because it
Small extent Moderate extent													showed lack
Large extent													of variability
													in response
													option
													•
													frequency and did not
													predict
(2017 Grade 4)													achievement

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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item							D/A/ R/NC+	Rationale		
In this school year, did your school circle in each row.	offer any o	f the foll	owing activ	ities? Selec	t one	VH270634	9. In this school year, of circle in each row.	lid your so	chool offer ar	y of the foll	lowing activ	ities? Select	one	VH270634	R	Previous sub-
	- 11	Yes		N	0					Yes	s	No	1			items "a",
Opportunities for students to discuss mathematics work, including homework	ork,	(8)		d)	VH270635	a. Mathematics competit	ions		0		®		7H270637		"b", and "h"
with their teachers	991 -					4-4	c. Programming classes		_	(6)		(B)		/H2/0638 /H2/0640		were
. Peer tutoring in mathematics		0	-	O.		VH270636	d. Mathematics clubs			0		(B)		/H270641		dropped.
. Mathematics competitions		(A)	_	Œ		VH270637	e. Teacher-led tutoring se	onione in		W		(B)		11270091		агоррса.
. Chess clubs		0		Œ		VH270638	mathematics for group			(4)		(1)	7	VH270643		
Programming classes Mathematics clubs		0		Œ		VH270640	f. Family mathematics n	ight		(4)		®	1	VH270645		
. Teacher-led tutoring sessions in		0		Œ)	VH270641		0								
mathematics for groups of students		0		Œ		VH270643										
. Teacher-led extra-help sessions in mathematics		0		Œ)	VH270644										
Family mathematics night		(4)		Œ		VH270645										
2017 Grade 4) 8. At each of the following grades, hor mathematics curriculum place on i as patterns and writing number sen	instructing itences? Sel	students : ect one ci	in algebraic ircle in each	concepts, st		victories	Issue: Resources 6. At each of the follow mathematics curriculas patterns and writ	ving grade	s, how much	emphasis d	loes your sch	ool's	uch	VH240905	NC	N/A
taught em	No iphasis en	Little aphasis	Moderate emphasis	Heavy emphasis	Grade not in school			Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school			
	0	0	9	Ф	Ð	VH250906	a. Third grade	®	(1)	0	0	©	(D)	VH240906		
The second secon	00	0	Ф	Ф	0	VH240909	b. Fourth grade	®	(B)	0	0	(D)	0	VH240909		
c. Fifth grade	(D)	0	Ø	(D)	0	VH240007	c. Fifth grade	(A)	(5)	0	0	(D)	D	VH240908		
d. Sixth grade @																

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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item							Rationale
To what extent is your scho following resources? Select	ics program struc ch row.	g to the	7. To what extent is your scho following resources? Select	7. To what extent is your school's mathematics program structured according to the following resources? Select one circle in each row.									
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate	Large extent			items "d" through ""j"
District curriculum standards or curriculum guides	®	®	0	Φ	VH240921	District curriculum standards or curriculum	®	(8)	extent	©	VH240921		were
State curriculum standards or frameworks	@	(8)	0	0	VH240920	guides b. State curriculum standards							dropped.
In-school curriculum frameworks and standards	®	•	0	Φ	VH240923	or frameworks c. In-school curriculum	®	(8)	0	0	VH240920		
for learning Results from district assessments	®	®	0	0	VH240922	frameworks and standards for learning	®	(8)	0	Φ	VH240923		
Results from state assessments	®	•	0	0	VH587964								
Recommendations from school mathematics department	Ø	10	0	Ф	VH240930								
Discretion of individual teachers	®	(8)	0	0	VH240926								
Results from school assessments (e.g., quizzes or tests created by teachers)	0	(8)	0	Φ	VH240924								
Commercially designed programs	®	(1)	0	0	VH240927								
Resources found on the Internet	®	18	0	0	VH240925								
017 Grade 4)						Issue: Organization	of Instruc	ction					
10. To what extent does your preparation for the follow					Satzalyr)	8. To what extent does your preparation for the followi	chool's fourth-	grade mathematic			VH240931	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
a. District assessments	0	0	0	0	AH245627	a. District assessments	Φ	(B)	©	0	VH240934		
b. State assessments	0	(0)	0	0	VIETRINAS	b. State assessments	0	(8)	0	Φ	VH240934		
c. School assessments (e.g., quizzes or tests created by teachers)	Ø	QD.	0	0	VIENDAME	c. School assessments (e.g., quizzes or tests created by teachers)	®	0	0	0	VH240933		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3z: Operational Grade 4 Mathematics

1.7	U)	70	270

1.	In your school, are fourth-grade students from different classes typically grouped for mathematics instruction by achievement levels (so that some instruction groups are higher in average mathematics achievement levels than others)?	
	A Yes	
	® No	
		VH270371
2.	In your school, how often are fourth-grade students' mathematics placements evaluated?	
	Once a year	
	® Once a marking period (semester, trimester)	
	More than once a marking period (semester, trimester)	
	Students are not grouped by achievement level.	
		VH591761
3.	This year, how many fourth-grade teachers are teaching mathematics in your	
	school? Enter the number of teachers.	
		VH240068
4.	Is there a mathematics coach available (full- or part-time) to fourth-grade teachers	
••	at your school?	
	Yes, available full-time to fourth-grade teachers	
	® Yes, available part-time to fourth-grade teachers	
	© No	

5. To what extent are each of the following a responsibility of the mathematics coach(es) available to fourth-grade teachers at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
as	rovide support or ssistance about nathematics content	®	®	0	0	VH240916
as te	rovide support or ssistance about the eaching of mathematics to addividual teachers	(4)	®	0	0	VH240917
de m te	Conduct professional evelopment about nathematics or the eaching of mathematics or groups of teachers	(4)	®	0	0	VH240918

VH240905

6. At each of the following grades, how much emphasis does your school's mathematics curriculum place on instructing students in **algebraic concepts**, such as patterns and writing number sentences? Select **one** circle in each row.

	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	
a. Third grade	(A)	®	©	0	Œ	Ē	VH240906
b. Fourth grade	(A)	®	©	0	Œ	(Ē)	VH240909
c. Fifth grade	(A)	®	©	0	Œ	Ē	VH240908
d. Sixth grade	(A)	®	©	0	Œ	(Ē)	VH240907

7. To what extent is your school's mathematics program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	®	®	0	0	VH240921
b. State curriculum standards or frameworks	(A)	B	0	0	VH240920
c. In-school curriculum frameworks and standards for learning	(A)	(8)	0	0	VH240923

VH240931

8. To what extent does your school's fourth-grade mathematics curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	A	®	0	0	VH240934
b. State assessments	(A)	®	0	0	VH240935
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	(8)	0	0	VH240933

9. In this school year, did your school offer any of the following activities? Select **one** circle in each row.

	Yes	No	
a. Mathematics competitions	(A)	®	VH270637
b. Chess clubs	(A)	®	VH270638
c. Programming classes	(A)	®	VH270640
d. Mathematics clubs	(A)	®	VH270641
e. Teacher-led tutoring sessions in mathematics for groups of students	®	®	VH270643
f. Family mathematics night	(A)	®	VH270645

Appendix K-3aa: Summary of Changes Pilot Grade 4 Mathematics

2019 Pi	lot Grade 4 Mathematics School		
Previous item	2019 item	D/A/ R/NC+	Rationale
1. In your school, are fourth-grade students from different classes typically grouped for mathematics instruction by achievement levels (so that some instruction groups are higher in average mathematics achievement levels than others)? ② Yes ③ No	1. In your school, are fourth-grade students from different classes typically grouped for mathematics instruction by achievement levels (so that some instruction groups are higher in average mathematics achievement levels than others)? Yes No	NC NC	N/A
2. In your school, how often are fourth-grade students' mathematics placements evaluated? ① Once a year ① Once a marking period (semester, trimester) ② More than once a marking period ② Students are not grouped by achievement level. (2017 Grade 4)	Issue: Resources for Learning and Instruction 2. In your school, how often are fourth-grade students' mathematics placements evaluated: ① Once a year ① Once a marking period (semester, trimester) ② More than once a marking period (semester, trimester) ③ Students are not grouped by achievement level. Issue: Organization of Instruction	R	The phrase "(semester/tr imester)" was added to response option "c".
3. This year, how many fourth-grade teachers are teaching mathematics in your school? Enter the number of teachers. [2017 Grade 4]		NC	N/A
N/A		A	This version of the math coach/speciali st item was added to inquire about additional math staff supporting students.

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

2019	Pilot Grade 4 Math	ematics	s School					
Previous item	2019 item						D/A/ R/NC+	Rationale
N/A	To what extent is each of available to fourth-grade	the following a students at your	responsibility of t school? Select on	he additional r e circle in each	nath staff 1 row.	V10834252	А	This version of the math
		Not at all	Small extent	Moderate extent	Large extent			coach/speciali
	Provide math course-related support, remediation, or intervention to individual students	6	•	0	0	VH95+245		st item was added to inquire about
	b. Provide math course-related support, remediation, or intervention to groups of students	•	•	0	0	V18654256		additional math staff
	c. Provide math enrichment to individual students	3	0	0	0	VH054259		supporting
	d. Provide math enrichment to groups of students	0	0	0	0	VH8542/60		students.
 4. Is there a mathematics coach available (full- or part-time) to fourth-grade teachers at your school? Yes, available full-time to fourth-grade teachers Yes, available part-time to fourth-grade teachers No Question 5 is not applicable and will be skipped. 	6. Are there any additional fucoach, math lead teacher, of your school? • Yes, available full-time • Yes, available part-time	ll- or part-time or math supervis to fourth-grade	math staff (e.g., a sor) available to fo teachers	math specialis		VI(8:54099	R	This version of the math coach/specialist item replaced the previous version and includes specific examples of additional
(2017 Grade 4)	Issue: Resources fo	r Learning	g and Instru	ction				math staff titles.

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
 To what extent are each of coach(es) available to four row. 	the following a h-grade teacher	responsibility of rs at your school?	the mathemati Select one cire	cs ele in each	VIC4993	7. To what extent is each of the available to fourth-grade tea	e following a chers at your	responsibility of the school? Select one	ne additional n circle in each	nath staff row.	V18614231	R	This version of the math
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			coach/special
Provide support or assistance about mathematics content	0	0	©	0	VNIMPIE	Provide support/assistance with math content or the teaching of math to individual teachers	•	Œ	0	Φ	VH854364		st item replaced the
b. Provide support or assistance about the teaching of mathematics to individual teachers	0	(D)	Ø	0	VH240917	b. Provide support/assistance in using math manipulatives and hands-on activities	•	0	0	•	VHRS4MA		previous version and
c. Conduct professional development about mathematics or the teaching of mathematics	©	(3)	0	0	VH240916	c. Conduct professional development about math or the teaching of math for groups of teachers	•	•	0	0	VERSONS		includes specific
for groups of teachers						d. Provide support/assistance with differentiated or group instruction	•	0	0	Φ	VHINSLAND		examples of additional
(2017 Grade 4)						Issue: Resources for	Learning	and Instru	ction				math staff titles.
To what extent does your sci mathematics teaching and lo Not at all		o-to-date technolo	ogy resources fo	or	VH270595	N/A						D	This item was
Not at all Small extent													because it
Small extent													showed lack
Moderate extent													of variability in response
													1 111 162001126
Moderate extent													•
Moderate extent													option
Moderate extent													•
Moderate extent													option frequency

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item	1							2019 item								D/A/ R/NC+	Rationale
7. In this school ye.		chool offer :	my of the fo	ollowing act	ivities? Sele	ect one	VH270634	11. In this school ye circle in each row		school offer	any of the fo	ollowing acti	vities? Sele	ct one	V1020614	R	Previous sub items "a",
			3	es		No	1				Y	les	1	No			"b", and "h"
a. Opportunities for s mathematics work with their teachers	, including he	scuss omework,		Ð	3	0	V14270635	Peer tutoring in m Mathematics com			_	D		Φ Φ	VH270636 VH270637		were
b. Peer tutoring in ma				D		Φ	VH270636	c. Chess clubs				Ð		(D)	VH270639		dropped.
c. Mathematics comp	etitions			3 0		®	V10270637	d. Computer coding				Ð		®	VH884091		
d. Chess clubs				D	-	®	VES2 FOIGHT	e. Mathematics club			-(Ð		0	VH270641		Previous sub
 Programming class Mathematics clubs 				D	-	(D)	VH270640 VH270641	f. Teacher-led tutori mathematics for g				D		D	VH270643		item "e" wa
g. Teacher-led tutorir mathematics for gr	ig sessions in			D		Φ	VH270643	g. Family mathemat				3	A 1 A 19	Φ	VH270643		revised to
h. Teacher-led extra-l mathematics				3)		Œ Œ	VH270644										"Computer
i. Family mathemati	es night			D	1 - 1	0	V11270645										coding
8. At each of the fol	lowing grade	s, how much	emphasis d	loes your sch	nool's	. 0	V11240908	8. At each of the fo	llowing grade	s, how much	emphasis d	oes your sch	ool's		Valiation2	R	The stem
	llowing grades riculum place riting numbe	on instruct r sentences?	ing students Select one	in algebraic	concepts, s h row.			8. At each of the fo mathematics cur as variables, rep each row.	rriculum plac	e on instruct	ing students	in algebraic	concepts, s		VIBILOIS	R	wording wa
8. At each of the fol mathematics cur as patterns and w	llowing grades riculum place riting numbe Not taught	on instruct r sentences? No emphasis	Select one Little emphasis	s in algebraic circle in each Moderate emphasis	Heavy emphasis	Grade no	ıt İ	mathematics cur as variables, rep	rriculum place peating patter	e on instruct	ing students portional re	in algebraic asoning? Sel Moderate	concepts, s	Grade not	ABILOIS	R	wording was
8. At each of the fol mathematics cur as patterns and w 1. Third grade	llowing grades riculum place riting numbe	on instruct r sentences?	Select one	in algebraic circle in eacl Moderate	row.	Grade no	t	mathematics cur as variables, rep each row.	rriculum place peating patter Not taught	on instruct ns. and pro No emphasis	ing students portional re Little emphasis	in algebraic asoning? Sel- Moderate emphasis	concepts, s cct one cir Heavy emphasis	Grade not in school	V1813917	R	wording wa revised base on Standing
8. At each of the fol mathematics cur as patterns and w 1. Third grade	llowing grades riculum place riting numbe Not taught	No emphasis	Little emphasis	in algebraic circle in each Moderate emphasis	Heavy emphasis	Grade no in school	ıt İ	mathematics cur as variables, rep	rriculum place peating patter	e on instruct	ing students portional re	in algebraic asoning? Sel Moderate	concepts, s	Grade not		R	wording wa revised base on Standing Committee
8. At each of the fol mathematics cur as patterns and w 1. Third grade 2. Fourth grade 3. Fifth grade 4. Fifth grade	llowing grades riculum place riting numbe Not taught	No emphasis	Little emphasis	in algebraic circle in each Moderate emphasis	Heavy emphasis	Grade no in school	V1/240906 V1/240906	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	ing students portional re Little emphasis	in algebraic asoning? Scl Moderate emphasis	Concepts, sect one cir Heavy emphasis	Grade not in school	91813917 Visi11918 VISI1919	R	wording was revised base on Standing
8. At each of the fol mathematics cur as patterns and w a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade	Not taught	No emphasis	Little emphasis	m algebraic asoning? Scl Moderate emphasis	Heavy emphasis	Grade not in school	¥1803917 VH811918	R	wording was revised base on Standing Committee
8. At each of the fol mathematics cur as patterns and w a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi11918 VISI1919	R	wording was revised base on Standing Committee feedback. Revisions
8. At each of the fol mathematics cur as patterns and w a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi11918 VISI1919	R	wording was revised base on Standing Committee feedback. Revisions were made
8. At each of the fol mathematics cur as patterns and w 1. Third grade 2. Fourth grade 3. Fifth grade 4. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi11918 VISI1919	R	wording wa revised base on Standing Committee feedback. Revisions were made based on
8. At each of the fol mathematics cur as patterns and w a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi11918 VISI1919	R	wording wa revised base on Standing Committee feedback. Revisions were made based on review of
8. At each of the fol mathematics cur as patterns and w a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi11918 VISI1919	R	wording wa revised base on Standing Committee feedback. Revisions were made based on
8. At each of the fol mathematics cur as patterns and w a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi1918 VISI1919	R	wording wa revised base on Standing Committee feedback. Revisions were made based on review of Common Core
8. At each of the fol mathematics cur as patterns and w a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi1918 VISI1919	R	wording wa revised base on Standing Committee feedback. Revisions were made based on review of Common Core standards a
8. At each of the fol mathematics cur as patterns and w a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi1918 VISI1919	R	wording warevised base on Standing Committee feedback. Revisions were made based on review of Common Core standards a the curricul
mathematics cur as patterns and w a. Third grade b. Fourth grade	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade no in school	V1240905 V1240905 V1240907 V15240909	mathematics cut as variables, rep each row. a. Third grade b. Fourth grade c. Fifth grade	Not taught So	No emphasis D D D	ing students portional re Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	91813917 Visi1918 VISI1919	R	wording warevised base on Standing Committee feedback. Revisions were made based on review of Common Core standards a

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
To what extent is your scho following resources? Select			tured according	g to the	171540010	To what extent is your scho following resources? Select			tured accordin	g to the	VH240919	R	Previous sub
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			through ""j"
a. District curriculum standards or curriculum guides	0	(8)	0	0	VH240921	District curriculum standards or curriculum guides	0	0	0	0	VPD40921		were
b, State curriculum standards or frameworks	0	0	0	0	VH340920	b. State curriculum standards or frameworks	•	0	9	•	VH240920		dropped.
c. In-school curriculum frameworks and standards for learning	0	•	•	0	V21240923	c. In-school curriculum frameworks and standards	0	0	0	0	V11240924		
d. Results from district assessments	®	0	0	Φ	VH240922	for learning							
e. Results from state assessments	•	@	0	0	Y1138.7964								
f. Recommendations from school mathematics department	•	•	•	0	V31240930								
g. Discretion of individual teachers	®	00	0	0	VH240926								
h. Results from school assessments (e.g., quizzes or tests created by teachers)	0	0	0	0	VH140924								
 Commercially designed programs 	0	@	0	Φ	VH240927								
j. Resources found on the Internet	0	⊕	0	0	VH240925								
2017 Grade 4)						Issue: Organization o	of Instruc	tion					
10. To what extent does your s preparation for the following					VHZMHAI	10. To what extent does your so preparation for the followin					VH240001	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
a. District assessments	Φ	(3)	0	0	VI1240934	a. District assessments	®	(B)	0	0	VH240934		
b. State assessments	0	0	0	0	VE1240935	b. State assessments	®	®	0	Ф	VH240935		
c. School assessments (e.g., quizzes or tests created by teachers)	0	®	0	0	VH240913	 c. School assessments (e.g., quizzes or tests created by teachers) 	0	0	0	9	VOLUMEN		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3ab: Pilot Grade 4 Mathematics

VIII	10270	

1.	In your school, are fourth-grade students from different classes typically grouped for mathematics instruction by achievement levels (so that some instruction groups are higher in average mathematics achievement levels than others)?	
	Yes	
	® No	
		VH270371
2.	In your school, how often are fourth-grade students' mathematics placements evaluated?	VII2/03/1
	Once a year	
	® Once a marking period (semester, trimester)	
	© More than once a marking period (semester, trimester)	
	© Students are not grouped by achievement level.	
		VH591761
3.	This year, how many fourth-grade teachers are teaching mathematics in your school? Enter the number of teachers.	VH391701
		VH854094
4.	In addition to their regular classroom teacher, are there any additional full- or part-time math staff (e.g., a math specialist, math coach, math lead teacher, or math supervisor) available to fourth-grade students at your school?	
	Yes, available full-time to fourth-grade students	
	Yes, available part-time to fourth-grade students	
	© No	

5. To what extent is each of the following a responsibility of the **additional** math staff **available to fourth-grade students** at your school? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Provide math course-related support, remediation, or intervention to individual students	(A)	®	0	0	VH854255
b. Provide math course-related support, remediation, or intervention to groups of students	(A)	®	0	0	VH854258
c. Provide math enrichment to individual students	(A)	®	0	0	VH854259
d. Provide math enrichment to groups of students	(A)	®	0	0	VH854260

VH854099

- **6.** Are there any **additional** full- or part-time math staff (e.g., a math specialist, math coach, math lead teacher, or math supervisor) **available to fourth-grade teachers** at your school?
 - Yes, available full-time to fourth-grade teachers
 - Yes, available part-time to fourth-grade teachers
 - © No

7. To what extent is each of the following a responsibility of the **additional** math staff **available to fourth-grade teachers** at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide support/assistance with math content or the teaching of math to individual teachers	®	®	0	0	VH854364
b.	Provide support/assistance in using math manipulatives and hands-on activities	(4)	(9)	0	0	VH854365
c.	Conduct professional development about math or the teaching of math for groups of teachers	((9)	0	0	VH854367
d.	Provide support/assistance with differentiated or group instruction	®	®	0	0	VH854368

VH811912

8. At each of the following grades, how much emphasis does your school's mathematics curriculum place on instructing students in **algebraic concepts**, such as variables, repeating patterns, and proportional reasoning? Select **one** circle in each row.

	Not taught	No emphasis	Little emphasis	Moderate emphasis	Heavy emphasis	Grade not in school	
a. Third grade	(A)	®	©	0	Œ	(Ē)	VH811917
b. Fourth grade	(A)	®	©	0	Œ	Ē	VH811918
c. Fifth grade	(A)	®	©	0	Œ	(Ē)	VH811919
d. Sixth grade	(A)	®	0	0	(E)	Ē	VH811921

9. To what extent is your school's mathematics program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	(A)	®	0	0	VH240921
b. State curriculum standards or frameworks	(A)	B	0	0	VH240920
c. In-school curriculum frameworks and standards for learning	®	®	0	0	VH240923

VH240931

10. To what extent does your school's fourth-grade mathematics curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	A	®	0	0	VH240934
b. State assessments	(A)	®	0	0	VH240935
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	(8)	0	0	VH240933

11. In this school year, did your school offer any of the following activities? Select **one** circle in each row.

	Yes	No	
a. Peer tutoring in mathematics	(A)	®	VH270636
b. Mathematics competitions	(A)	®	VH270637
c. Chess clubs	(A)	®	VH270638
d. Computer coding classes	(A)	®	VH854091
e. Mathematics clubs	(A)	®	VH270641
f. Teacher-led tutoring sessions in mathematics for groups of students	(4)	®	VH270643
g. Family mathematics night	A	®	VH270645

Appendix K-3ac: Summary of Changes Operational Grade 8 Mathematics

Previous item	2019 item	D/A/ R/NC+	Rationale
1. In your school, approximately what percentage of eighth-grade students enroll in more than one mathematics class in a year (including summer school or two-block classes) for remediation or to catch up a grade level? Do not include students who receive additional mathematics instruction as part of special education or because of IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50%	1. In your school, approximately what percentage of eighth-grade students enroll in more than one mathematics class in a year (including summer school or two-block classes) for remediation or to catch up a grade level? Do not include students who receive additional mathematics instruction as part of special education or because of IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50%		N/A
(2017 Grade 8)	Issue: Organization of Instruction		
2. This year, how many teachers are feaching mathematics in your school? Enter the number of teachers. [2017 Grade 8]	2. This year, how many teachers are teaching mathematics in your school? Enter the number of teachers.	NC NC	N/A
3. In this school year, what percentage of students have gone to other schools (neighboring middle school, high school, or college) to receive mathematics instruction? © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50% (2017 Grade 8)	3. In this school year, what percentage of students have gone to other schools (a neighboring middle school, high school, or college) to receive mathematics instruction? ① 0% ① 1–5% ② 6–10% ② 11–20% ② 21–30% ② 31–40% ③ 41–50% ② More than 50% Issue: Resources for Learning and Instruction	R	The percentages were further divided into additional response options for better differentiation The article "a" was added in front of "neighboring".
4. To what extent does your school provide up-to-date technology resources for mathematics teaching and learning? Description of the provided and technology resources for mathematics teaching and learning? Description of the provided and technology resources for mathematics teaching and learning? Description of the provided and technology resources for mathematics teaching and learning? Description of the provided and teaching are technology resources for mathematics teaching and learning? Description of the provided and teaching are teaching and teaching are teaching and teaching are teaching and teaching are teaching and teaching are teaching and teaching are teaching are teaching and teaching are teach	N/A	D	This item was dropped because it showed lack o variability in

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item							2019 item							Rationale
(2017 Grade 8) 5. Is there a mathematics coach available (full- or part-time) to eighth-grade teachers at your school? © Yes, available full-time to eighth-grade teachers © Yes, available part-time to eighth-grade teachers © No Question 6 is not applicable and will be skipped. (2017 Grade 8)					5. Is there a mathematics coach available (full- or part-time) to eighth-grade teachers at your school? ② Yes, available full-time to eighth-grade teachers ③ Yes, available part-time to eighth-grade teachers ② No Issue: Resources for Learning and Instruction							NC	option frequency and did not predict achievement. Please note that no conter changes were made to the item but the skip pattern text was removed from the item given the transition	
To what extent are each of coach(es) available to eight row.	the following a h-grade teache Not at all	responsibility of rs at your school	Select one cir Moderate	ics cele in each	V804063		To what extent are each of coach(es) available to eight row.	the following a h-grade teache Not at all	responsibility of rs at your schools Small extent	Select one cir	ccs cle in each	VH240963	NC	from PBA to DBA. N/A
Provide support or assistance about	0		extent		VECANNA		a. Provide support or	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	200000000000000000000000000000000000000	extent		VH240964		
mathematics content b. Provide support or	_			-			assistance about mathematics content	0	•	0	0	VH240964		
assistance about the teaching of mathematics to individual teachers	•	00	0	•	VIIIANA,		b. Provide support or assistance about the teaching of mathematics to individual teachers	•	1	0	Φ	VH240966		
c. Conduct professional development about mathematics or the	Φ	0	0	•	ýH340965		c. Conduct professional development about mathematics or the teaching of mathematics	®	•	0	Φ	VH240965		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item				2019 item	2019 item					
In this school year, did your school offer any circle in each row.	of the following activ	vities? Select one	VH270634	9. In this school year, did your school offer any of the following activities? Select one circle in each row.					Previous sub- items "a", "b'	
	Yes	No		The second secon	Yes	No			-	
a. Opportunities for students to discuss	100			a. Mathematics competitions	(A)	•	VH270637		and "h" were	
mathematics work, including homework, with their teachers	®	(8)	VH270635	b. Chess clubs	@	0	VH270638		dropped.	
b. Peer tutoring in mathematics	®	(B)	VH270636	c. Programming classes	®	(1)	VH270640		a. oppos.	
c. Mathematics competitions	®	®	VH270637	d. Mathematics clubs	®	®	VH270641			
d. Chess clubs	⊗	(1)	VH270638	e. Teacher-led tutoring sessions in	®	(1)	VH270643			
e. Programming classes	0	®	VH270640	mathematics for groups of students	9	9	-1 (550,53)			
f. Mathematics clubs	®	(8)	VH270641	f. Family mathematics night	•	•	VH270645			
g. Teacher-led tutoring sessions in mathematics for groups of students	0	•	VH270643							
h. Teacher-led extra-help sessions in mathematics	0	•	VH270644							
i. Family mathematics night	∅	®	VH270645							

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
8. To what extent is your sol following resources? Select	nool's mathema et one circle in e	tics program strue each row.	ctured according	g to the	VH340019	To what extent is your scho following resources? Select	ol's mathemat one circle in ea	ics program struc ach row.	tured according	to the	VH240919	R	Previous sub
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			through ""j"
District curriculum standards or curriculum guides	0	Ф	0	Φ	VH140021	District curriculum standards or curriculum guides	®	(8)	0	Φ	VH240921		were
 State curriculum standards or frameworks 	@	(D)	9	0	VILLANDO	b. State curriculum standards or frameworks	®	•	0	Ф	VH240920		dropped.
c. In-school curriculum frameworks and standards for learning	0	Φ	0	Φ	VYIZADVEL	c. In-school curriculum frameworks and standards for learning	@	®	0	0	VH240923		
d. Results from district assessments	Φ	0	0	•	VH240922	for fearning							
c. Results from state assessments	Ø	Œ	9	0	V1087964								
f. Recommendations from school mathematics department	Φ	Φ	0	Ф	VIGANO								
g. Discretion of individual teachers	0	•	0	Ф	VH2.40926								
h. Results from school assessments (e.g., quizzes or tests created by teachers	0	0	0	Ф	VH240924								
Commercially designed programs	0	Φ	0	Ф	VH140927								
j. Resources found on the Internet	0	•	0	Φ	VHQABRES								
017 Grade 8) 9. To what extent does your so preparation for the following	hool's eighth-gr	rade mathematics	s curriculum fo	ocus on	VH240967	Issue: Organization 8. To what extent does your preparation for the follows	chool's eighth-	grade mathematic	es curriculum fo	cus on	VH240967	NC	N/A
preparation for the following	Not at all	Small extent	Moderate extent	Large extent		preparation for the follows	Not at all	Small extent	Moderate extent	Large extent			
District assessments	®	®	©	0	VH240970	a. District assessments	0	0	©	0	VH240970		
State assessments	0	®	0	0	VH240971	b. State assessments	0	0	0	0	VH240971		
School assessments (e.g., quizzes or tests created by teachers)	@	(1)	0	Φ	VH240969	 c. School assessments (e.g., quizzes or tests created by teachers) 	0	Φ	0	•	VH240969		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item				2019 item				D/A/ R/NC+	Rationale
10. Below are some sentences about students who may have to go to other schools for mathematics instruction. Please indicate which statements apply to your students. Select one circle in each row.				Below are some sentences about students who may have to go to other schools for mathematics instruction. Please indicate which statements apply to your students. Select one circle in each row.				N/A	
	Yes	No			Yes	No			
There are students in my school who take high school mathematics classes.	0	®	VH270660	There are students in my school who take high school mathematics classes.	Φ	Φ	VH170660		
My school provides credit for students who take high school or college mathematics classes.	®	•	VH270661	b. My school provides credit for students who take high school or college mathematics	0	Φ	VH270661		
c. Students at my school who take high school mathematics classes also take the same tests as high school students taking the same course.	®	•	VH270663	classes. c. Students at my school who take high school mathematics classes also take the same tests as high school students taking	۵	(D)	VH270663		
d. There are algebra classes offered in my school that are equivalent to algebra classes offered at the high schools in my district.	@	ூ	VH270664	the same course. d. There are algebra classes offered in my school that are equivalent to algebra classes offered at the high schools in my district.	®	®	VH270664		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3ad: Operational Grade 8 Mathematics

1.	In your school, approximately what percentage of eighth-grade students enroll in more than one mathematics class in a year (including summer school or two-block classes) for remediation or to catch up a grade level? Do not include students who receive additional mathematics instruction as part of special education or because of IEP provisions.	
	♠ 0–10%	
	® 11–20%	
	© 21–30%	
	© 31–40%	
	© 41–50%	
	© More than 50%	
2.	This year, how many teachers are teaching mathematics in your school? Enter the	VH270533
	number of teachers.	
		VH811923
3.	In this school year, what percentage of students have gone to other schools (a neighboring middle school, high school, or college) to receive mathematics instruction?	
	® 0%	
	© 1–5%	
	© 6–10%	
	© 11–20%	
	© 21–30%	
	© 31–40%	
	© 41–50%	
	More than 50%	

4. Below are some sentences about students who may have to go to other schools for mathematics instruction. Please indicate which statements apply to your students. Select **one** circle in each row.

	Yes	No	
a. There are students in my school who take high school mathematics classes.	®	®	VH270660
b. My school provides credit for students who take high school or college mathematics classes.	(A)	®	VH270661
c. Students at my school who take high school mathematics classes also take the same tests as high school students taking the same course.	®	®	VH270663
d. There are algebra classes offered in my school that are equivalent to algebra classe offered at the high schools in my district.	s 💿	®	VH270664

VH240073

- **5.** Is there a mathematics coach available (full- or part-time) to eighth-grade teachers at your school?
 - Yes, available full-time to eighth-grade teachers
 - ® Yes, available part-time to eighth-grade teachers
 - © No

6. To what extent are each of the following a responsibility of the mathematics coach(es) available to eighth-grade teachers at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide support or assistance about mathematics content	(A)	®	©	0	VH240964
b.	Provide support or assistance about the teaching of mathematics to individual teachers	(9)	®	0	0	VH240966
c.	Conduct professional development about mathematics or the teaching of mathematics for groups of teachers	(4)	®	0	Θ	VH240965

VH240919

7. To what extent is your school's mathematics program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	(A)	®	0	0	VH240921
b. State curriculum standards or frameworks	(A)	®	0	0	VH240920
c. In-school curriculum frameworks and standards for learning	(A)	(B)	0	0	VH240923

8. To what extent does your school's eighth-grade mathematics curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	A	®	0	0	VH240970
b. State assessments	(A)	®	0	0	VH240971
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	(8)	0	0	VH240969

VH270634

9. In this school year, did your school offer any of the following activities? Select **one** circle in each row.

	Yes	No	
a. Mathematics competitions	(A)	®	VH270637
b. Chess clubs	(A)	®	VH270638
c. Programming classes	(A)	®	VH270640
d. Mathematics clubs	(A)	®	VH270641
e. Teacher-led tutoring sessions in mathematics for groups of students	(4)	®	VH270643
f. Family mathematics night	(A)	®	VH270645

Appendix K-3ae: Summary of Changes Pilot Grade 8 Mathematics

Previous item	2019 item	D/A/ R/NC+	Rationale
1. In your school, approximately what percentage of eighth-grade students enroll in more than one mathematics class in a year (including summer school or two-block classes) for remediation or to catch up a grade level? Do not include students who receive additional mathematics instruction as part of special education or because of IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50% (2017 Grade 8)	1. In your school, approximately what percentage of eighth-grade students enroll in more than one mathematics class in a year (including summer school or two-block classes) for remediation or to catch up a grade level? Do not include students who receive additional mathematics instruction as part of special education or because of IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50% Issue: Organization of Instruction	NC NC	N/A
2. This year, how many teachers are teaching mathematics in your school? Enter the number of teachers. [2017 Grade 8]	4. This year, how many teachers are teaching mathematics in your school? Enter the number of teachers.	NC	N/A
3. In this school year, what percentage of students have gone to other schools (neighboring middle school, high school, or college) to receive mathematics instruction? © 0–10% © 11–20% © 21–30% © 31–40% © 41–50% © More than 50% (2017 Grade 8)	2. In this school year, what percentage of students have gone to other schools (a neighboring middle school, high school, or college) to receive mathematics instruction? © 0% © 1-5% © 6-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50% Issue: Resources for Learning and Instruction	R	The percentages were further divided into additional response options for better differentiation. The article "a" has been added in front of "neighboring"

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

2019 Pi	lot Grade 8 Math	ematics	School					
Previous item	2019 item						D/A/ R/NC+	Rationale
4. To what extent does your school provide up-to-date technology resources for mathematics teaching and learning? ② Not at all ③ Small extent ③ Moderate extent ⑤ Large extent (2017 Grade 8)	N/A						D	This item was dropped because it showed lack of variability in response option frequency and did not predict achievement.
N/A	5. In addition to their regular e part-time math staff (e.g., a r math supervisor) available to Yes, available full-time to Yes, available part-time to No	math specialist, eighth-grade s o eighth-grade s o eighth-grade	, math coach, mat students at your so students students	h lead teacher chool?	or c, or	V1854007	A	This version of the math coach/speciali st item was added to inquire about additional math staff supporting students.
N/A	6. To what extent is each of t	he following a	responsibility of th	ne additional n	nath staff	VIIIS42(2	Α	This version
	available to eighth-grade so	Not at all	Small extent	Moderate	Large extent			of the math
	a. Provide math course-related support, remediation, or intervention to individual students	®	©	extent	©	V(8854265		coach/speciali st item was added to
	b. Provide math course-related support, remediation, or intervention to groups of students	•	•	0	•	VI8854266		inquire about additional math staff
	c. Provide math enrichment	©	•	0	0	VH854267		supporting

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
5. Is there a mathematics coach available (full- or part-time) to eighth-grade teachers at your school? ② Yes, available full-time to eighth-grade teachers ③ Yes, available part-time to eighth-grade teachers ③ No Question 6 is not applicable and will be skipped. (2017 Grade 8)					7. Are there any additional full- or part-time math staff (e.g., a math specialist, math coach, math lead teacher, or math supervisor) available to eighth-grade teachers at your school? ① Yes, available full-time to eighth-grade teachers ② Yes, available part-time to eighth-grade teachers ② No Issue: Resources for Learning and Instruction						R	This version of the math coach/special st item replaced the previous version and includes specific examples of additional	
6. To what extent are each of coach(es) available to eight row.	the following a h-grade teache	responsibility of rs at your school?	Select one cir	ics cle in each	VH280063	8. To what extent is each of the available to eighth-grade te	ne following a achers at your	responsibility of t school? Select on Small extent	he additional n e circle in each Moderate	nath staff row.	VH854370	R	math staff titles. This version of the math
	Not at all	Small extent	Moderate extent	Large extent		a. Provide support/assistance	Not at an	Sman extent	extent	Large extent			coach/special
Provide support or assistance about mathematics content	(3)	•	Φ	0	V11240964	with math content or the teaching of math to individual teachers	®	(1)	0	0	VH854373		st item replaced the
b. Provide support or assistance about the teaching of mathematics to individual teachers	©	0	0	Φ.	VI (240966)	b. Provide support/assistance in using math manipulatives and hands-on activities	©	Ф	Ø	9	YEB654374		previous version and
individual teachers Conduct professional development about mathematics or the						c. Conduct professional development about math or the teaching of math for groups of teachers	•	®	0	Ф	VH954374		includes specific examples of
c. Conduct professional development about mathematics or the teaching of mathematics for groups of teachers		1				d. Analyze assessment data to					1	1	

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
7. In this school year, did yo circle in each row.	ur school offer	any of the follow	ing activities?	Select one	VIE27/In34	 In this school year, did you circle in each row. 	r school offer	any of the follow	ing activities?	Select one	VII270634	R	Previous sub
		Yes	-1	No				Yes		No			
Opportunities for students to mathematics work, includin with their teachers	o discuss g homework,	0		Φ	V91020603	Peer tutoring in mathematics Mathematics competitions		®		®	VH270636 VH270637		"b", and "h' were
. Peer tutoring in mathematic	s	0		Φ	VIIINAA	c. Chess clubs		Ø		(1)	V10270638		drannad
. Mathematics competitions		0		Φ	V21170627	d. Computer coding classes		0		0	VH854001		dropped.
. Chess clubs		0		0	V1127062E	e. Mathematics clubs		0		0	VH070641		Previous su
. Programming classes		@		®	VH1270640	f. Teacher-led tutoring sessions		0		•	VH270643		item "e" wa
. Mathematics clubs		(D)		0	V21270641	mathematics for groups of stu	idents				7 -	1	
g. Teacher-led tutoring session mathematics for groups of s	udents	0		Œ	VH170843	g. Family mathematics night		•		(1)	VH270645		revised to
 Teacher-led extra-help session mathematics 	ons in	0		00	VH270644								"Computer
. Family mathematics night		0		(1)	V91270645								coding
2017 Grade 8)						Issue: Resources for	Learning	and Instru	ction				classes".
2017 Grade 8) 8. To what extent is your sch following resources? Select	ool's mathemat one circle in e	ics program struc ach row.	tured accordin	g to the	V16240019	9. To what extent is your scho following resources? Select	ol's mathema	tics program struc		g to the	VIC40H0	R	Previous sub
8. To what extent is your sch following resources? Select	ool's mathemat one circle in e Not at all	ics program struc ach row.	tured accordin Moderate extent	g to the	VIC40019	9. To what extent is your scho	ol's mathema	tics program struc		g to the	VII240H0	R	classes". Previous sul items "d" through ""j"
To what extent is your sch following resources? Select to District curriculum standards or curriculum guides	one circle in e	ich row.	Moderate		VICeous VIDsoon	9. To what extent is your scho	ol's mathema one circle in e	tics program struc ach row.	tured accordin		VH240910	R	Previous subsitems "d" through ""j" were
To what extent is your sch following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks	Not at all	Small extent	Moderate extent	Large extent		To what extent is your scho following resources? Select of a. District curriculum standards or curriculum	ol's mathema one circle in e Not at all	tics program struc ach row.	Moderate extent	Large extent		R	Previous su items "d" through ""j'
8. To what extent is your sch following resources? Select of the selection of the selectio	Not at all	Small extent	Moderate extent	Large extent	VH240921	To what extent is your scho following resources? Select of the selection of the select	ol's mathema one circle in e Not at all	stics program structach row. Small extent	Moderate extent	Large extent	VHD40921	R	Previous sul items "d" through ""j' were
8. To what extent is your sch following resources? Select the selection of the selection o	Not at all	Small extent	Moderate extent	Large extent	VH240920	To what extent is your scho following resources? Select of the selection of the select	ol's mathematone circle in e Not at all	stics program structure arch row. Small extent	Moderate extent	Large extent	V#1540921 V#1540920	R	Previous sul items "d" through ""j' were
8. To what extent is your sch following resources? Select following resources? Select in the selection of t	Not at all	Small extent	Moderate extent	Large extent	VII240901 VII240920 VII240923	To what extent is your scho following resources? Select of the selection of the select	ol's mathematone circle in e Not at all	stics program structure arch row. Small extent	Moderate extent	Large extent	V#1540921 V#1540920	R	Previous su items "d" through ""j' were
8. To what extent is your sch following resources? Select following resources? Select process. 1. District curriculum standards or curriculum guides 1. In-school curriculum frameworks and standards for learning 1. Results from district assessments 2. Results from state assessments 3. Resource from state assessments 4. Recommendations from second mathematics department	Not at all O O O O O	Small extent	Moderate extent	Large extent	VIII340931 VIII340920 VIII340923 VIII340923	To what extent is your scho following resources? Select of the selection of the select	ol's mathematone circle in e Not at all	stics program structure arch row. Small extent	Moderate extent	Large extent	V#1540921 V#1540920	R	Previous su items "d" through ""j' were
8. To what extent is your sch following resources? Select following resources? Select in the selection of th	Not at all	Small extent	Moderate extent	Large extent	VIII340921 VIII340920 VIII340923 VIII340923 VIII340923	To what extent is your scho following resources? Select of the selection of the select	ol's mathematone circle in e Not at all	stics program structure arch row. Small extent	Moderate extent	Large extent	V#1540921 V#1540920	R	Previous su items "d" through ""j' were
8. To what extent is your sch following resources? Select following resources? Select the selection of the	Not at all O O O O O O O	Small extent Small extent O O O O	Moderate extent	Large extent	V11340931 V11340920 V11340923 V11340923 V11340930	To what extent is your scho following resources? Select of the selection of the select	ol's mathematone circle in e Not at all	stics program structure arch row. Small extent	Moderate extent	Large extent	V#1540921 V#1540920	R	Previous su items "d" through ""j' were
8. To what extent is your sch following resources? Select following resources? Select following resources? Select in the select following resources? Select following resources? State curriculum standards or frameworks and standards for learning following resources. In sechool curriculum frameworks and standards for learning following. Results from district assessments. 2. Results from state assessments 3. Recommendations from school mathematics department 3. Discretion of individual teachers 4. Results from school assessments [e.g., quizzes]	Not at all O O O O O O O O O O O O	Small extent Small extent Small extent Small extent	Moderate extent	Large extent	VIII40921 VIII40920 VIII40923 VIII40923 VIII40920 VIII40920	To what extent is your scho following resources? Select of the selection of the select	ol's mathematone circle in e Not at all	stics program structure arch row. Small extent	Moderate extent	Large extent	V#1540921 V#1540920	R	Previous su items "d" through ""j' were

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
	9. To what extent does your school's eighth-grade mathematics curriculum focus on preparation for the following types of assessments? Select one circle in each row.					10. To what extent does your school's eighth-grade mathematics curriculum focus on preparation for the following types of assessments? Select one circle in each row.					NC	N/A	
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
. District assessments	- 8	0	0	0	V18240970	a. District assessments	®	(1)	0	0	VH240970		
b. State assessments	@	(3)	0	0	VH240971	b. State assessments	0	Φ	0	0	VH240971		
School assessments (e.g., quizzes or tests created by teachers)	®	•	0	0	V11240969	c. School assessments (e.g., quizzes or tests created by teachers)	©	(3)	0	0	VIQ40960		
2017 Grade 8) 10. Below are some sentences mathematics instruction. students. Select me circle	Please indicate			rools for	VH220690	Issue: Organization of 3. Below are some sentences a mathematics instruction. P	bout students lease indicate	who may have to		ools for	VH270659	NC	N/A
10. Below are some sentences	Please indicate			nools for	VH278869	Issue: Organization of 3. Below are some sentences a	bout students lease indicate	who may have to		nools for	VII270693	NC	N/A
Below are some sentences mathematics instruction students, Select one circle There are students in my schigh school mathematics clips.	Please indicate in each row. hool who take asses.	which statements Yes			VH270660	Issue: Organization of 3. Below are some sentences a mathematics instruction. P	bout students lease indicate v n each row.	who may have to which statements			VH270669	NC	N/A
Below are some sentences mathematics instruction students, Select one circle There are students in my schigh school mathematics clib. My school provides credit for take high school or college relasses.	Please indicate in each row. hool who take asses. or students who nathematics	which statements Yes		No		Issue: Organization of 3. Below are some sentences a mathematics instruction. Postudents. Select one circle in a. There are students in my sch	bout students lease indicate to n each row.	who may have to which statements Yes		No		NC	N/A
Below are some sentences mathematics instruction, students, Select one circle a. There are students in my schigh school mathematics cl. b. My school provides credit fe take high school or college r	Please indicate in each row. hool who take asses. or students who nathematics take high also take the udents taking	Yes		No	VH1/9860	Issue: Organization of a Below are some sentences a mathematics instruction. P students, Select one circle in a. There are students in my schhigh school mathematics clas b. My school provides credit for take high school or college m	bout students lease indicate v n each row.	who may have to which statements Yes		No	VH2 70660	NC	N/A

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3af: Pilot Grade 8 Mathematics

- 1. In your school, approximately what percentage of eighth-grade students enroll in more than one mathematics class in a year (including summer school or two-block classes) for remediation or to catch up a grade level? Do not include students who receive additional mathematics instruction as part of special education or because of IEP provisions.
 - ♠ 0–10%
 - ® 11-20%
 - © 21-30%
 - © 31-40%
 - © 41-50%
 - © More than 50%

- **2.** In this school year, what percentage of students have gone to other schools (a neighboring middle school, high school, or college) to receive mathematics instruction?
 - **a** 0%
 - ® 1-5%
 - © 6-10%
 - © 11-20%
 - © 21-30%
 - © 31-40%
 - © 41-50%
 - ⊕ More than 50%

3. Below are some sentences about students who may have to go to other schools for mathematics instruction. Please indicate which statements apply to your students. Select **one** circle in each row.

		Yes	No	
a.	There are students in my school who take high school mathematics classes.	®	®	VH270660
b.	My school provides credit for students who take high school or college mathematics classes.	0	®	VH270661
c.	Students at my school who take high school mathematics classes also take the same tests as high school students taking the same course.	(®	VH270663
d.	There are algebra classes offered in my school that are equivalent to algebra classes offered at the high schools in my district.	(®	VH270664

		VH270533
4.	This year, how many teachers are teaching mathematics in your school? Enter the number of teachers.	
		VH854097
5.	In addition to their regular classroom teacher, are there any additional full- or part-time math staff (e.g., a math specialist, math coach, math lead teacher, or math supervisor) available to eighth-grade students at your school?	
	Yes, available full-time to eighth-grade students	
	Yes, available part-time to eighth-grade students	
	\bigcirc No	

6. To what extent is each of the following a responsibility of the **additional** math staff **available to eighth-grade students** at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide math course-related support, remediation, or intervention to individual students	®	®	0	0	VH854265
b.	Provide math course-related support, remediation, or intervention to groups of students	(4)	®	0	0	VH854266
c.	Provide math enrichment to individual students	A	®	0	0	VH854267
d.	Provide math enrichment to groups of students	A	®	0	0	VH854268

VH854102

- 7. Are there any **additional** full- or part-time math staff (e.g., a math specialist, math coach, math lead teacher, or math supervisor) **available to eighth-grade teachers** at your school?
 - igotimes Yes, available full-time to eighth-grade teachers
 - Yes, available part-time to eighth-grade teachers
 - © No

8. To what extent is each of the following a responsibility of the **additional** math staff **available to eighth-grade teachers** at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide support/assistance with math content or the teaching of math to individual teachers	(®	0	Θ	VH854372
b.	Provide support/assistance in using math manipulatives and hands-on activities	0	(9)	0	Θ	VH854373
c.	Conduct professional development about math or the teaching of math for groups of teachers	0	(9)	0	0	VH854374
d.	Analyze assessment data to inform strategies and next steps for instruction	(A)	®	©	0	VH854375

VH240919

9. To what extent is your school's mathematics program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	®	®	0	0	VH240921
b. State curriculum standards or frameworks	(A)	B	0	0	VH240920
c. In-school curriculum frameworks and standards for learning	(A)	®	0	0	VH240923

10. To what extent does your school's eighth-grade mathematics curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	A	®	0	0	VH240970
b. State assessments	(A)	®	0	0	VH240971
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	®	0	0	VH240969

VH270634

11. In this school year, did your school offer any of the following activities? Select **one** circle in each row.

	Yes	No	
a. Peer tutoring in mathematics	(A)	8	VH270636
b. Mathematics competitions	(A)	®	VH270637
c. Chess clubs	(A)	®	VH270638
d. Computer coding classes	(A)	®	VH854091
e. Mathematics clubs	(A)	®	VH270641
f. Teacher-led tutoring sessions in mathematics for groups of students	(A)	®	VH270643
g. Family mathematics night	(A)	®	VH270645

Appendix K-3ag: Summary of Changes Operational Grade 12 Mathematics

evious item				2019 item				D/A/ R/NC+	Rationale
Beginning with ninth grade, how many years (or course work in mathematics does your school or Less than two years Two years Three years Four years More than four years			VIE24077	 Beginning with ninth grade, how many years (or course work in mathematics does your school or Less than two years Two years Three years Four years More than four years 	NC	N/A			
018 Grade 12)			VH240078	Issue: Organization of Instruction	on		VH240078		
Does your school offer online mathematics cours Yes No No 018 Grade 12)	ses for credit?			4. Does your school offer online mathematics cou Yes No Issue: Organization of Instruction				NC	N/A
Are courses of at least one semester in length following subjects? Select one circle in each re		I in each of the	3304094	Are courses of at least one semester in length following subjects? Select one circle in each re-		in each of the	VH240984	R	The current sub-item "k"
	Yes	No			Yes	No			
a. Pre-calculus or introductory analysis	0	0	VICATORO.	a. Pre-calculus or introductory analysis	0	(8)	VH241006		was added a
b. Integrated mathematics 3 (third year of a multi-year course)	0	0	VHGA2007	b. Integrated mathematics 3 (third year of a	®	(1)	VH241017		an additiona
c. Integrated mathematics 4 (fourth year of a	Φ	Φ.	Vectories	multi-year course) c. Integrated mathematics 4 (fourth year of a			95.55		course title.
multi-year course) d. Trigonometry	Φ	Φ.	AHDWAN	multi-year course)	0	(1)	VH241018		course title.
e. International Baccalaureate® (IB)	0	0	VEGENOR	d. Trigonometry	®	(3)	VH240991		1
Mathematics			VPE241009	e. International Baccalaureate® (IB) Mathematics	⊗	(3)	VH241008		
1. Advanced Paternett (At 7 Catedido Ab				f. Advanced Placement (AP®) Calculus AB	®	(1)	VH241009		
f. Advanced Placement (AP ^{III}) Calculus AB g. Advanced Placement (AP) Calculus BC	@	Ф	VHEAUXOT	g. Advanced Placement (AP) Calculus BC	®	(1)	VH241010		1
g. Advanced Placement (AP) Calculus BC h. Calculus (other than Advanced Placement	(D)	(D)	VHSmari	h. Calculus (other than Advanced Placement [AP] Calculus)	•	(1)	VH241007		
g. Advanced Placement (AP) Calculus BC		Ф	VHENIUS	i. Advanced Placement (AP) Statistics	0	®	VH241011		
g. Advanced Placement (AP) Calculus BC h. Calculus (other than Advanced Placement [AP] Calculus) i. Advanced Placement (AP) Statistics j. Probability and/or statistics (other than	(D)	-		j. Probability and/or statistics (other than	©	(1)	VH241012		1
g. Advanced Placement (AP) Calculus BC h. Calculus (other than Advanced Placement [AP] Calculus) i. Advanced Placement (AP) Statistics j. Probability and/or statistics (other than Advanced Placement [AP] Statistics)			VHPMANA.	Advanced Placement [AP] Statistics) k. Advanced Placement (AP) Computer	VH887721				
g. Advanced Placement (AP) Calculus BC h. Calculus (other than Advanced Placement [AP] Calculus) i. Advanced Placement (AP) Statistics j. Probability and/or statistics (other than Advanced Placement [AP] Statistics) k. Advanced Placement (AP) Computer Science A	© ©	0	_	I.K. Advanced Flacement (AF) Computer					
g. Advanced Placement (AP) Calculus BC h. Calculus (other than Advanced Placement [AP] Calculus) i. Advanced Placement (AP) Statistics j. Probability and/or statistics (other than Advanced Placement [AP] Statistics) k. Advanced Placement (AP) Computer		Φ	VFGasésa	Science Principles					
g. Advanced Placement (AP) Calculus BC h. Calculus (other than Advanced Placement [AP] Calculus) i. Advanced Placement (AP) Statistics j. Probability and/or statistics (other than Advanced Placement [AP] Statistics) k. Advanced Placement (AP) Computer Science A l. Computer science (other than Advanced	Φ		VECINIENS	Science Principles 1. Advanced Placement (AP) Computer Science A m. Computer science (other than Advanced	Ø	•	VH796763 VH241016		

Previous item				2019 item				D/A/ R/NC+	Rationale
4. Which of the following mathematics courses graduation? Select one circle in each row.	are required for high s	school	VH241021	 Which of the following mathematics courses a graduation? Select one circle in each row. 	NC	N/A			
	Yes	No			Yes	No			
a. Algebra I	00	(8)	VH241022	a. Algebra I	0	0	VH241022		
b. Geometry	®	(1)	VH241023	b. Geometry	@	•	VH241023		
c. Algebra II	®	(6)	VH241024	c. Algebra II	®	•	VH241024		
I. Statistics/Probability	®	(3)	VH241025	d. Statistics/Probability	Φ	®	VH241025		
e. Integrated mathematics 1 (first year of a multi-year course)	•	(1)	VH241032	e. Integrated mathematics 1 (first year of a multi-year course)	0	•	VH241032		
f. Integrated mathematics 2 (second year of a multi-year course)	0	(1)	VH241033	f. Integrated mathematics 2 (second year of a multi-year course)	0	(B)	VH241033		
g. Integrated mathematics 3 (third year of a multi-year course) h. Integrated mathematics 4 (fourth year of a	•	(8)	VH241034	g. Integrated mathematics 3 (third year of a multi-year course)	0	•	VH241034		
multi-year course)	(A)	•	VH241028	h. Integrated mathematics 4 (fourth year of a multi-year course)	®	•	VH241028		
multi-year course) i. Other mathematics course (Please specify):	•	•	VH241031 VH241031		•	(D)	VH241028 VH241031 VH733475	NC	N/A
multi-year course) i. Other mathematics course (Please specify):	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block ide students who	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includes) classes) for remediation or to catch up a grade learned additional mathematics instruction as perceive additional mathematics instruction as perceive additional mathematics instruction as perceive additional mathematics instruction as perceive additional mathematics instruction as perceive additional mathematics instruction as perceive additional mathematics instruction as perceived.	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction [IEP] provisions.	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block ide students who	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade learned receive additional mathematics instruction as possible provisions.	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction [EP provisions.	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block ide students who	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as p of IEP provisions. © 0-10%	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction (IEP provisions. © 0-10% © 11-20%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block ide students who	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade learned receive additional mathematics instruction as possible provisions.	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction (IEP provisions. © 0-10% © 11-20% © 21-30%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as p of IEP provisions. © 0-10%	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction of IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as profile in the provisions. © 0-10% © 11-20% © 21-30%	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction (IEP provisions. © 0-10% © 11-20% © 21-30%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as profile provisions. © 0-10% © 11-20% © 21-30% © 31-40%	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction of IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as profile provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50%	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction of IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as profile provisions. © 0-10% © 11-20% © 21-30% © 31-40%	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction of IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as profile provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50%	● On of twelfth-grade stude luding summer schoevel? Do not include	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction (IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includes) for remediation or to catch up a grade for receive additional mathematics instruction as profile provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50%	On of twelfth-grade studing summer schoevel? Do not include art of special educat	dents enroll in ol or two-block students who	VH241031	NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction (IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50%	tage of twelfth-grade s r (including summer sc ade level? Do not inclu	tudents enroll in hool or two-block	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as profile provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50%	On of twelfth-grade studing summer schoevel? Do not include art of special educat	dents enroll in ol or two-block students who	VH241031		
i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a yer classes) for remediation or to catch up a greecive additional mathematics instruction (IEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50% 2018 Grade 12)	atage of twelfth-grade s r (including summer se rade level? Do not inclu n as part of special edu	tudents enroll in hool or two-block de students who cation or because	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includes) for remediation or to catch up a grade for receive additional mathematics instruction as profile provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50%	on of twelfth-grade stududing summer schoevel? Do not include part of special educat	dents enroll in ol or two-block students who ion or because	YHEAHAN	NC NC	N/A
multi-year course) i. Other mathematics course (Please specify): 2018 Grade 12) 5. In your school, approximately what percemore than one mathematics class in a year classes) for remediation or to catch up a greecive additional mathematics instruction (EEP provisions. © 0-10% © 11-20% © 21-30% © 31-40% © More than 50% 2018 Grade 12)	atage of twelfth-grade s r (including summer se rade level? Do not inclu n as part of special edu	tudents enroll in hool or two-block de students who cation or because	VH241031	i. Other mathematics course (Please specify): Issue: Organization of Instruction 5. In your school, approximately what percentage more than one mathematics class in a year (includesses) for remediation or to catch up a grade le receive additional mathematics instruction as profile provisions. © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% More than 50% Issue: Organization of Instruction 7. This year, how many teachers are teaching	on of twelfth-grade stududing summer schoevel? Do not include part of special educat	dents enroll in ol or two-block students who ion or because	YHEAHAN		

2019 Oper	rational Grade 12 Mathematics School		
Previous item	2019 item	D/A/ R/NC+	Rationale
7. In this school year, what percentage of students have gone to other schools (neighboring high school or college) to receive mathematics instruction? © 0-10% © 11-20% © 21-30% © 31-40% © 41-50% © More than 50% (2018 Grade 12)	6. In this school year, what percentage of students have gone to other schools (a neighboring high school or college) to receive mathematics instruction? © 0% © 1-5% © 6-10% © 11-20% © 21-30% © 31-40% © 41-50% More than 50%	R	This item was revised to further break down the first response option of 0-10% into 3 separate response options, and adding "a" in front of
8. To what extent does your school provide up-to-date technology resources for mathematics teaching and learning? ① Not at all ② Small extent ② Moderate extent ③ Large extent (2018 Grade 12)	Issue: Resources for Learning and Instruction N/A	D	"neighboring". This item was dropped because it showed lack of variability in response option frequency and did not predict achievement.
9. Is there a mathematics coach available (full- or part-time) to twelfth-grade teachers at your school? ① Yes, available full-time to twelfth-grade teachers ① Yes, available part-time to twelfth-grade teachers ② No	8. Is there a mathematics coach available (full- or part-time) to twelfth-grade teachers at your school? © Yes, available full-time to twelfth-grade teachers © Yes, available part-time to twelfth-grade teachers © No	NC	N/A
(2018 Grade 12)	Issue: Organization of instruction		

revious item						2019 item						D/A/ R/NC+	Rationale
 To what extent are each of coach(es) available to twelf row. 	the following a th-grade teach	responsibility of ers at your school	the mathemat Select one cir	ics rcle in each	VH241643	 To what extent are each of coach(es) available to twelf row. 	9. To what extent are each of the following a responsibility of the mathematics coach(es) available to twelfth-grade teachers at your school? Select one circle in each row.						
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
a. Provide support or assistance about mathematics content	Ø	®	0	Φ	VH241044	Provide support or assistance about mathematics content	•	(1)	0	0	VH241044	_	
b. Provide support or assistance about the teaching of mathematics to individual teachers	@	®	0	0	VH241046	 Provide support or assistance about the teaching of mathematics to individual teachers 	•	₪	0	0	VH241046		
c. Conduct professional development about mathematics or the teaching of mathematics for groups of teachers	(2)	®	0	•	VH241045	c. Conduct professional development about mathematics or the teaching of mathematics for groups of teachers	Φ	•	0	0	VH241045		
2018 Grade 12) 11. In this school year, did you circle in each row.	ır school offer s	my of the following	ng activities? So	elect one	VII23664	Issue: Organization of 15. In this school year, did your scircle in each row.			ng activities? S	elect one	VH270634	R	Previous sub- items "a", "h'
		Yes		No			1	Yes		No			
a. Opportunities for students to						a. Peer tutoring in mathematics	1	Ø		•	VH270636		and "i" were
mathematics work, including with their teachers	g homework.	(1)		Φ.	VH279K35	b. Mathematics competitions		0		®	VH270637		dropped.
b. Peer tutoring in mathematics		Φ.	-	0	VH275636	c. Chess clubs		0	- 1	®	VH270638		aroppea.
c. Mathematics competitions		Φ		-	VH270637	d. Programming classes		0		®	VH270640	_ [
d. Chess clubs		Ø			VH270638	e. Mathematics clubs		®		®	VH270641		
e. Programming classes		@		CD.	V152706401	f. Teacher-led tutoring sessions in					VH270643		
f. Mathematics clubs		0		0	VH270641	mathematics for groups of stude	nts	0		(b)	Vr12/U643		
Teacher-led tutoring sessions mathematics for groups of str	udents	0		Φ .	VH270643								
	ns in	00		(D)	V817.7364.4								
h. Teacher-led extra-help sessio mathematics i. Family mathematics night					VH270665								

vious item						2019 item						D/A/ R/NC+	Rationale
12. To what extent is your s following resources! Sel	chool's mathema ect one circle in	stics program struc each row.	tured accordin	g to the	V9G4900	10. To what extent is your scho following resources? Select			tured according	g to the	VH240919	R	Previous subitems "c"
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate	Large extent			through "i"
State curriculum standard or frameworks	s @	0	9	Ф	V91140970	a. District curriculum		7	extent				were droppe
District curriculum standards or curriculum guides	(3)	0	0	0	V94240921	standards or curriculum guides	®	•	0	0	VH240921		Current sub-
c. Results from district	0	0	0	0	VHEMMES	b. State curriculum standards or frameworks	(A)	(1)	0	Φ	VH240920		item "c" was
d. Results from state assessments	0	0	0	•	ALEKSAM1	c. In-school curriculum frameworks and standards	®	•	0	Φ	VH240923		added in to
e. Results from school-level	ø	0	(D)	Φ	VHSATAVA	for learning							align with
Recommendations from school mathematics department or teachers	0	0	0	Ф	VHS170H								changes ma
g. Discretion of individual teachers	00	0	0	Φ.	VARIABLE								to this item
h. Commercially designed programs	0	0	0	6	VH2.4000 7								grades 4 and
i. Resources found on the Internet	0	0	0	0	VED-MINES								The order of
18 Grade 12)						Issue: Organization o	of instruc	tion					previous sub items "a" an "b" was reversed.
To what extent does your sepreparation for the following	chool's twelfth- g types of asses	grade mathematic sments? Select or	es curriculum ne circle in eac	focus on ch row.	VH733484	11. To what extent does your preparation for the follow	school's twelfting types of ass	h-grade mathema essments? Select	tics curriculum one circle in ea	n focus on ach row.	VH733484	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
District assessments	0	0	0	Φ	VH733487	a. District assessments	0	•	0	Φ	VH733487		
State assessments	0	(8)	0	0	VH733486	b. State assessments	0	®	0	0	VH733486		
School assessments (e.g.,		•	0	0	VH733485	 c. School assessments (e.g., quizzes or tests created by 	Ø	®	0	0	VH733485		

	m								2019 item										D/A/ R/NC+	Rationale
14. Approximately distance learni (Distance learn teacher and stu or other compu	g course for ng courses lent are in	or the follow are define different lo	wing subject d for this su ocations. T	cts? Select ourvey as cre hey can be	one circle in edit-grantin delivered v	n each row. ig courses ir ia audio, vio	which th	ne	12. Approximately of distance learnin (Distance learnin teacher and stud or other comput	g course f ng course lent are ir	or the follo s are defin different	owing sub ed for this locations.	survey as They can	ct one cir credit-gra be deliver	cle in each inting cou red via aud	row. ses in v	which th	vH860442 ne ernet	R	Previous sub- item "h" was dropped and
	0%	1-5%	6-10%	11-25%	26-50%	51-75%	Over 75%			Not offered	0% 1	1-5% 6-	-10% 11	-25% 26	-50% 51	75%	Over 75%			"Not offered
. English/ language arts	0	(1)	0	Φ	©	•	0	VH241062	a. English/	®	®	0	Φ	(D)	D	0	Ø	VH860443		was added ir
Mathematics	0	®	0	0	θ	Ф	0	VH241063	language arts	700										as a respons
. Social studies	0	®	0	0	•	Ð	0	VH241064	b. Mathematics c. Social studies	(A)	®	0	Φ	(D)		©	•	VH860444		•
. Science	0	(1)	0	0	©	0	6	VH241065	100000000000000000000000000000000000000	®	(8)	0	0	(D)		0	®	VH860445 VH860450		option.
e. Computer science	(A)	®	0	0	(D)	©	0	VH241066	d. Science	(A)	®	0	0	©	(D)	©	®	VF186045U		
f. Foreign languages	®	®	0	0	0	Ф	0	VH241067	e. Computer science	(8)	®	0	Ф	(D)	0	0	⊕	VH860447		
g. Career and technical/	®	®	0	0	Φ	Ф	0	VH241068	f. Foreign languages	®	®	0	0	©	0	©	•	VH860448		
vocational . Other (Please									g. Career and technical/ vocational	®	®	0	Φ	©	D	0	®	VH860449		
			•																	
2018 Grade	12)								Issue: Organi	zatior	of ins	structi	on							
	what perce cademic co defined for ol and post and private chools. The	this surve secondary 2- or 4-yes dual cred ten agreem	y as a cours credits for ar colleges it options r	se or progra the same co or universi- must either en your sch-	m where hourses. Posties, comm be legislate	locations? S igh school s tsecondary unity colleged by your s ostsecondar	Select one students c institutio ges, and to	circle can earn ns echnical	Issue: Organi 13. Approximately mathematics a in each row. (Dual credit is both high scho include public or vocational s articulated or f NOT include A	what per cademic of defined for ol and pos and priva chools. The	centage of course for d or this surv stsecondary te 2- or 4-y he dual cre itten agree	students it dual credit ey as a cou y credits for ear college dit options ment betw	n this year taught at urse or pro or the sam s or unive must eith	gram whe courses. rsities, con ner be legi- chool and	re high sch Postsecon mmunity of slated by y a postseco	ns? Sele ool stud lary inst olleges, our state ndary in	lents car titutions and tec e or hav	n earn s hnical e an	R	Previous sub item "d" was dropped.
15. Approximately mathematics a in each row. (Dual credit is both high scho include public or vocational s articulated or f NOT include A	what perce cademic co defined for ol and post and private chools. The	this surve secondary 2- or 4-yes dual cred ten agreem	y as a cours credits for ar colleges it options r	se or progra the same co or universi- must either en your sch-	m where hourses. Posties, comm be legislate ool and a palaureate	locations? S igh school s tsecondary unity colleged by your s ostsecondar	Select one students c institutio ges, and to	circle can earn ns echnical	13. Approximately mathematics a in each row. (Dual credit is both high scho include public or vocational s articulated or f	what per cademic of defined for ol and pos and priva chools. The	centage of course for d or this surv stsecondary te 2- or 4-y he dual cre itten agree	students i lual credit ey as a con y credits fo ear college dit options ment betw and Intern	n this year taught at arse or pro or the sam s or unive must eitl een your s national B	gram whe e courses. rsities, con her be legichool and accalaurea	re high sch Postsecon- nmunity of slated by y a postsecote® course	ns? Sele ool stud lary inst olleges, our state ndary in	dents can titutions and tec e or hav nstitution	ircle n earn s hnical e an	R	item "d" was
15. Approximately mathematics a in each row. (Dual credit is both high scho include public or vocational s articulated or f NOT include A	what perce eademic co defined for ol and post and private chools. The ormal writt dvanced P	this surve secondary 2 - or 4-ye dual cred ten agreem	y as a cours credits for ar colleges it options r ient betwee and Interna	se or progra the same co or universi- nust either en your sch- tional Bacc	m where hourses. Posties, comm be legislate ool and a palaureate	locations? S igh school s tsecondary unity colleged by your s ostsecondar courses.)	Select one students c institutio ges, and to state or ha ry institut	circle can earn ns echnical	13. Approximately mathematics a in each row. (Dual credit is both high scho include public or vocational s articulated or f NOT include A	what per cademic of defined for ol and pos and priva chools. The formal wri Advanced	centage of course for d or this surv stsecondary te 2- or 4-y he dual cre itten agree Placement	students i lual credit ey as a con y credits fo ear college dit options ment betw and Intern	n this year taught at arse or pro or the sam s or unive must eitl een your s national B	gram whe e courses. rsities, con her be legichool and accalaurea	re high sch Postseconmunity of slated by y a postsecourse 0% 51–7	ns? Sele ool stud lary inst olleges, our stati ndary in	dents can titutions and tec e or hav nstitutions	ircle n earn s hnical e an	R	item "d" wa
15. Approximately mathematics a in each row. (Dual credit is both high scho include public or vocational s articulated or f NOT include A a. On your high school campus b. On a postsecondary campus	what perceademic condefined for old and posts and private chools. The ormal writted dvanced P.	this surve secondary 2 2- or 4-ye. dual crediten agreem lacement a	y as a cours credits for ar colleges it options r tent betwee and Interna	see or progra the same co or universi nust either en your sch tional Bace	following m where h ourses. Pos ties, comm be legislate ool and a p alaureate	locations? Sigh school stsecondary unity colleged by your sostsecondar courses.)	Select one students of institutio ges, and to state or ha ry institut Over 75%	e circle can earn ns echnical ave an cion. Do	a. On your high school campus a. On your high school rappus	what per cademic of defined for oll and pos and priva chools. The formal wr. Advanced	centage of course for d or this surv stsecondary the 2 or 4-y the dual cre itten agrees Placement	students i dual credit ey as a con y credits for ear college dit options ment betwe and Internal	n this year taught at urse or proor the sames or universement eithern your shational B	gram where courses. rsities, concer be legical chool and accalaurea.	re high sch Postsecon nmunity o slated by y a postseco te® course	ool stud lary inst olleges, our state ndary inst.)	dents can titutions and tec e or hav nstitutions	ircle n earn s hnical e an on. Do	R	item "d" was
15. Approximately mathematics a in each row. (Dual credit is both high scho include public or vocational s articulated or f NOT include A section of the control of the con	what perceademic co defined for ol and post and private shools. The brmal writt dvanced P.	this surve secondary 2 2- or 4-ye. dual crediten agreem lacement a	y as a cours credit ta y as a cours credits for ar colleges it options r tent betwee and Interna 6–10%	see or progra the same co or universi must either en your sch tional Bace	m where hourses. Posties, commbe legislate ool and a palaureate 26–50%	locations? § igh school s tsecondary unity colleged by your s ostsecondar courses.) 51–75%	Select one students of institution ges, and to state or harry institut	e circle can carn ns cchnical ave an cion. Do	13. Approximately mathematics a in each row. (Dual credit is both high scho include public or vocational s articulated or f NOT include A	what per cademic c defined fool and pos and priva chools. Ti formal wriddwanced	centage of course for d or this surv stsecondary te 2- or 4-y he dual cre titten agreen Placement	students i lual credit ey as a cou y credits fe cear college dit options ment betw and Intern	n this year taught at urse or proor the sam so or university of the sam at th	gram whe e courses, rsities, co- ner be legi chool and accalaurea % 26–5	re high sch Postsecon munity e slated by y a postsec te course	ns? Sele ool stud lary inst olleges, our stat ndary in 5.)	ect one cettore callents can titutions and tece or havenstitutions of the cettore of the cettore cetto	ircle n earn s hnical e an on. Do	R	item "d" was

Previous item 16. Approximately what percentage of students in this year's graduating class has enrolled in a career and technical/vocational course for dual credit taught at the following locations? Select one circle							2019 item						D/A/ R/NC+	Rationale							
16. Approximately and technical/win each row. (Dual credit is doth high school include public a or vocational searticulated or fe NOT include A	efined for l and post nd private hools. The rmal write	this survey secondary of 2- or 4-year dual crediten agreem	y as a cours credits for t ar colleges of it options m ent betwee	the same co or universit	m where his ourses. Post ties, commo be legislate ool and a po	igh school s isecondary unity colleged by your s ostsecondar	tudents c	an earn	14. Approximately vand technical/win each row. (Dual credit is doth high school include public a or vocational self articulated or for NOT include Action and the school include Action an	efined for l and post nd private nools. The	this survey secondary of 2- or 4-year dual credi	as a course redits for t r colleges of t options m	aught at the cor program he same con or universit	e following m where hi ourses. Post ies, commo be legislate	g locations? igh school st secondary i unity colleg ed by your st	Select on tudents can stitution es, and te	e circle an earn as chnical ve an	R	Previous sub item "d" was dropped and current sub- item "c" was		
-	0%	1-5%	6–10%	11-25%	26-50%	51-75%	Over 75%		1	0%	1-5%	6-10%	11-25%	26-50%	51-75%	Over	1		added based		
a. On your high school campus	0	0	9	9	Φ	Ø	0	VHIALOTE	a. On your high school campus	®	(1)	0	Φ	(D)	Ð	Ø			on the 2019		
b. On a postsecondary campus c. Through	(6)	00	0	Φ	0	0	0	Vigalere	b. On a postsecondary campus	®	(8)	0	0	©	•	@	VH241079		pilot data fo		
distance learning	00	(D)	0	60	0	Φ	6	VEIZANIMI	c. On a career and technical/							15.5.	123		the free		
d. Other (Please specify):	0	0	0	9	Φ	Φ	۵	VHILAUGEZ	vocational school campus	@	(8)	0	Φ	(D)	· D	0	VH859714		response sul		
									d. Through distance	(A)	(1)	0	0	0	Ф	@	VH241080	item VH2410			

Appendix K-3ah: Operational Grade 12 Mathematics

- 1. Beginning with ninth grade, how many years (or Carnegie-unit equivalents) of course work in mathematics does your school or district require for graduation?
 - Less than two years
 - ® Two years
 - Three years
 - Four years
 - More than four years

2. Are courses of at least one semester in length taught in your school in each of the following subjects? Select **one** circle in each row.

	Yes	No	
a. Pre-calculus or introductory analysis	(A)	8	VH241006
b. Integrated mathematics 3 (third year of a multi-year course)	(A)	®	VH241017
c. Integrated mathematics 4 (fourth year of a multi-year course)	(®	VH241018
d. Trigonometry	(A)	®	VH240991
e. International Baccalaureate® (IB) Mathematics	(A)	®	VH241008
f. Advanced Placement (AP®) Calculus AB	(A)	®	VH241009
g. Advanced Placement (AP) Calculus BC	(A)	®	VH241010
h. Calculus (other than Advanced Placement [AP] Calculus)	(4)	®	VH241007
i. Advanced Placement (AP) Statistics	(A)	®	VH241011
j. Probability and/or statistics (other than Advanced Placement [AP] Statistics)	(A)	®	VH241012
k. Advanced Placement (AP) Computer Science Principles	(®	VH887721
l. Advanced Placement (AP) Computer Science A	(A)	®	VH796763
m. Computer science (other than Advanced Placement [AP] Computer Science)	(A)	®	VH241016

3. Which of the following mathematics courses are required for high school graduation? Select **one** circle in each row.

	Yes	No	
a. Algebra I	(A)	®	VH241022
b. Geometry	A	®	VH241023
c. Algebra II	(A)	®	VH241024
d. Statistics/Probability	A	®	VH241025
e. Integrated mathematics 1 (first year of a multi-year course)	(A)	®	VH241032
f. Integrated mathematics 2 (second year of a multi-year course)	(A)	®	VH241033
g. Integrated mathematics 3 (third year of a multi-year course)	(A)	®	VH241034
h. Integrated mathematics 4 (fourth year of a multi-year course)	(A)	®	VH241028
i. Other mathematics course (Please specify):	(A)	(8)	VH241031

VH24007
V112400

- **4.** Does your school offer online mathematics courses for credit?
 - A Yes
 - ® No

VH733475

- 5. In your school, approximately what percentage of twelfth-grade students enroll in more than one mathematics class in a year (including summer school or two-block classes) for remediation or to catch up a grade level? Do not include students who receive additional mathematics instruction as part of special education or because of IEP provisions.
 - ♠ 0–10%
 - ® 11-20%
 - © 21-30%
 - © 31-40%
 - © 41-50%
 - © More than 50%

6.	In this school year, what percentage of students have gone to other schools (a neighboring high school or college) to receive mathematics instruction?	
	1 0%	
	® 1-5%	
	© 6-10%	
	© 11-20%	
	© 21-30%	
	© 31-40%	
	© 41-50%	
	® More than 50%	
7.	This year, how many teachers are teaching mathematics in your school? Enter the number of teachers.	VH270533
		VH240080
8.	Is there a mathematics coach available (full- or part-time) to twelfth-grade teachers at your school?	
	② Yes, available full-time to twelfth-grade teachers	
	® Yes, available part-time to twelfth-grade teachers	
	© No	

9. To what extent are each of the following a responsibility of the mathematics coach(es) available to twelfth-grade teachers at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide support or assistance about mathematics content	(A)	®	©	0	VH241044
b.	Provide support or assistance about the teaching of mathematics to individual teachers	(4)	•	0	Θ	VH241046
c.	Conduct professional development about mathematics or the teaching of mathematics for groups of teachers	(4)	®	0	Φ	VH241045

VH240919

10. To what extent is your school's mathematics program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	®	®	0	0	VH240921
b. State curriculum standards or frameworks	(A)	®	0	0	VH240920
c. In-school curriculum frameworks and standards for learning	(A)	(8)	0	0	VH240923

11. To what extent does your school's twelfth-grade mathematics curriculum focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District assessments	(A)	®	0	0	VH733487
b. State assessments	(A)	®	0	0	VH733486
c. School assessments (e.g., quizzes or tests created by teachers)	(8)	®	0	0	VH733485

VH860442

12. Approximately what percentage of students in this year's graduating class has enrolled in a distance learning course for the following subjects? Select **one** circle in each row. (Distance learning courses are defined for this survey as credit-granting courses in which the teacher and student are in different locations. They can be delivered via audio, video, or Internet or other computer technologies. They may originate from your school or another entity.)

		Not offered	0%	1–5%	6–10%	11–25%	26–50%	51–75%	Over 75%	
a.	English/ language arts	(4)	®	0	0	Œ	Ð	0	θ	VH860443
b.	Mathematics	(A)	®	©	0	Œ	Ē	0	\oplus	VH860444
c.	Social studies	(A)	®	0	0	Œ	Ē	0	\oplus	VH860445
d.	Science	(4)	₿	O	0	Œ	Ē	0	\oplus	VH860450
e.	Computer science	(A)	®	0	0	Œ	Ð	0	\oplus	VH860447
f.	Foreign languages	(A)	®	0	0	Œ	©	0	\oplus	VH860448
g.	Career and technical/vocational	A	B	0	0	Œ	(F)	©	θ	VH860449

13. Approximately what percentage of students in this year's graduating class has enrolled in a mathematics academic course for dual credit taught at the following locations? Select **one** circle in each row.

(Dual credit is defined for this survey as a course or program where high school students can earn both high school and postsecondary credits for the same courses. Postsecondary institutions include public and private 2- or 4-year colleges or universities, community colleges, and technical or vocational schools. The dual credit options must either be legislated by your state or have an articulated or formal written agreement between your school and a postsecondary institution. Do NOT include Advanced Placement and International Baccalaureate[®] courses.)

	0%	1–5%	6–10%	11–25%	26–50%	51–75%	Over 75%	
a. On your high school campus	Ø	®	©	0	©	Ē	©	VH241071
b. On a postsecondary campus	(A)	®	0	0	Ē	Ē	6	VH241072
c. Through distance learning	(A)	®	0	0	Œ	Ē	©	VH241074

VH241077

14. Approximately what percentage of students in this year's graduating class has enrolled in a career and technical/vocational course for dual credit taught at the following locations? Select **one** circle in each row.

(Dual credit is defined for this survey as a course or program where high school students can earn both high school and postsecondary credits for the same courses. Postsecondary institutions include public and private 2- or 4-year colleges or universities, community colleges, and technical or vocational schools. The dual credit options must either be legislated by your state or have an articulated or formal written agreement between your school and a postsecondary institution. Do NOT include Advanced Placement and International Baccalaureate[®] courses.)

	0%	1–5%	6–10%	11–25%	26–50%	51-75%	Over 75%	
a. On your high school campus	(A)	®	0	0	(E)	Ð	©	VH241078
b. On a postsecondary campus	(A)	®	0	0	Ē	Ē	©	VH241079
c. On a career and technical/ vocational school campus	(A)	®	0	0	Ē	Ð	©	VH859714
d. Through distance learning	(A)	®	0	0	Œ	Ē	©	VH241080

15. In this school year, did your school offer any of the following activities? Select **one** circle in each row.

	Yes	No	
a. Peer tutoring in mathematics	(A)	®	VH270636
b. Mathematics competitions	(A)	®	VH270637
c. Chess clubs	(A)	®	VH270638
d. Programming classes	(A)	®	VH270640
e. Mathematics clubs	(A)	®	VH270641
f. Teacher-led tutoring sessions in mathematics for groups of students	(A)	®	VH270643

Appendix K-3ai: Summary of Changes Operational Grade 4 Science

ecience special ent head) avai fourth-grade si fourth-grade s	students	teacher, science	ce	-VHDMS17	1. In addition to their regular el part-time science staff (e.g., a supervisor, or science departs school? Yes, available full-time to Yes, available part-time to No	science specia nent head) ava fourth-grade s	ilist, science lead ilable to fourth-gi students	teacher, science	ce	VH850429	R	Bolding was added to the item for
	esponsibility of d				Issue: Resources for	learning		tion				emphasis and to create consistency with similar items in others subjects.
				VID41296	2. To what extent is each of the staff available to fourth-gra	te following a r de students at	responsibility of th your school? Selec	e additional so t one circle in	cience each row.	Vandovaka	R	Bolding was added to the
Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			item for
Φ	Φ	0	0	VEEZAFZ97	Provide science course-related support, remediation, or intervention to individual students	Φ	Φ	0	©	VH241297		emphasis and to create
0	Φ	0	0	V8824139H	b. Provide science course-related support, remediation, or intervention to groups of	Φ	Φ	0	Ф	VH241298		consistency with similar items in
0	0	0	•	VH241299	e. Provide science enrichment to individual	•	•	0	0	VIII241299		others subjects.
0	Ф	0	۵	VH241500	d. Provide science enrichment to groups of students	•	Φ	0	0	VHZ41/00		Judgeets.
					Issue: Resources for	learning	and instruc	tion				
upervisor, or s school? fourth-grade to	science departme eachers			VHSAOHS	science lead teacher, science fourth-grade teachers at your Yes, available full-time to	supervisor, or school? fourth-grade	science departme teachers	a science coac nt head) availa	h. Ible to	V18594201	R	Bolding was added to the item for emphasis and to create consistency with similar items in others
o u	Not at all Description of the state of the	students at your school? Selection of the selection of th	students at your school? Select one circle in Not at all Small extent Moderate extent	F part-time science staff (e.g., a science coach, pervisor, or science department head) available to ourth-grade teachers	F part-time science staff (e.g., a science coach, pervisor, or science department head) available to contribute our chool?	Indicating a responsibility of the additional science students at your school? Select one circle in each row. Not at all Small extent Moderate extent	To what extent is each of the following a staff available to fourth-grade teachers 2. To what extent is each of the following a staff available to fourth-grade teachers 2. To what extent is each of the following a staff available to fourth-grade teachers 2. To what extent is each of the following a staff available to fourth-grade teachers Not at all 3. Provide science course-related support, remediation, or intervention to individual students 4. Provide science course-related support, remediation, or intervention to groups of students 5. Provide science course-related support, remediation, or intervention to groups of students 6. Provide science course-related support, remediation, or intervention to groups of students 7. Provide science course-related support, remediation, or intervention to groups of students 8. Provide science course-related support, remediation, or intervention to groups of students 8. Provide science course-related support, remediation, or intervention to groups of students 8. Provide science course-related support, remediation, or intervention to groups of students 8. Provide science course-related support, remediation, or intervention to groups of students 9. Provide science course-related support, remediation, or intervention to groups of students 8. Provide science course-related support, remediation, or intervention to groups of students 9. Provide science course-related support, remediation, or intervention to groups of students 9. Provide science course-related support, remediation, or intervention to groups of students 9. Provide science course-related support, remediation, or intervention to groups of students 9. Provide science course-related support, remediation, or intervention to individual students 9. Provide science course-related support, remediation, or intervention to individual students 9. Provide science course-related support, remediation, or intervention to individual students 9. Provide science course-related support, remediation, or interventio	In the second possibility of the additional science students at your school? Select one circle in each row. Not at all Small extent Moderate extent	The following a responsibility of the additional science students at your school? Select one circle in each row. Not at all Small extent Moderate extent extent Small extent Moderate extent Small extent Extent Small extent Small extent Extent Small extent Extent Small extent Sm	Dollowing a responsibility of the additional science students at your school? Select one circle in each row. Not at all Small extent Moderate extent Large extent	Delivering a responsibility of the additional science statif available to fourth-grade students at your school? Select one circle in each row. Not at all Small extent Moderate extent Large extent	Provide science conserved as the same of the additional science staff (e.g., a science coach, pervisor, or science department head) available to hourth-grade teachers 2. To what extent is each of the following a responsibility of the additional science staff (e.g., a science coach, pervisor, or science department head) available to hourth-grade teachers 2. To what extent is each of the following a responsibility of the additional science staff (e.g., a science coach, pervisor, or science department head) available to hourth-grade teachers 2. To what extent is each of the following a responsibility of the additional science staff (e.g., a science coach, science coach, science coach, science each form). 3. Are there any additional full- or part-time science staff (e.g., a science coach, science department head) available to hourth-grade teachers. 4. To what extent is each of the following a responsibility of the additional science staff (e.g., a science coach, science coach, science each each each row. 4. To what extent is each of the following a responsibility of the additional science staff (e.g., a science leavement head) available to hourth-grade teachers. 4. To what extent is each of the following a responsibility of the additional science staff (e.g., a science coach, science each each each row. 5. To what extent is each of the following a responsibility of the additional science staff (e.g., a science coach, science each each each row. 6. Provide science each each row. 6. Provide science each each row. 6. Provide science each each row. 6. Provide science each each row. 6. Provide science each each row. 6. Provide science each row. 6. Provide science each row. 6. Provide science each row. 7. To what extent is each of the following a responsibility of the additional each row. 8. To what extent is a population of the additional each row. 8. To what extent is a population of the additional each row. 8. To what extent is each of the additional each row. 8. To what extent is each of the addi

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
4. To what extent is each of the staff available to fourth-grad	ie following a r de teachers at y	responsibility of t your school? Selec	he additional s et one circle in	cience each row.	VHZALIMI	4. To what extent is each of the staff available to fourth-grade	ne following a de teachers at y	responsibility of t your school? Selec	he additional se t one circle in	cience each row.	VIB59443	R	Bolding was added to the
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			item for
Provide support/assistance with science content or the teaching of science to individual teachers	0	0	9	Ф	VH241 %/2	Provide support/assistance with science content or the teaching of science to individual teachers	0	0	0	9	V21291.803		emphasis an to create
Provide technical support/ assistance with lab equipment to individual teachers	Ø	®	0	0	VH640280	b. Provide technical support/ assistance with lab equipment to individual teachers	®	Φ	Ø	0	VH640280		consistency with similar
c. Conduct professional development about science or the teaching of science for groups of teachers	0	®	0	0	VIII241.933	c. Conduct professional development about science or the teaching of science for groups of teachers	•	•	0	θ	VHZ41303		items in others
2018 Grade 4) 5. To what extent is your sche following resources? Select			Moderate	Large extent	- V4647.85	Issue: Resources for 5. To what extent is your sche following resources? Select	ool's science pr	rogram structured ach row.	according to th		V3(541306	R	To align the science
			according to th	he	VH243.86	5. To what extent is your scho	ool's science pr	ogram structured		ne	V1041305	R	To align the
5. To what extent is your sche following resources? Select	one circle in ea	ach row.		T	: VH243.05	5. To what extent is your sche following resources? Select	ool's science pr one circle in e	ogram structured	according to th	Large extent	V1041398	R	To align the science survey
To what extent is your sche following resources? Select District curriculum standards or curriculum guides	one circle in ea	ach row.	Moderate	T	VH241307	5. To what extent is your scho	ool's science pr one circle in e	rogram structured ach row.	according to th		VH241307	R	To align the science survey questionnai
To what extent is your sche following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks.	One circle in ea	Small extent	Moderate extent	Large extent		To what extent is your sche following resources? Select District curriculum standards or curriculum	ool's science pr one circle in e	ogram structured ach row.	Moderate extent	Large extent		R	To align the science survey questionnai with those
To what extent is your sche following resources? Select District curriculum standards or curriculum guides State curriculum standards	Not at all	Small extent	Moderate extent	Large extent	VH241307	To what extent is your schefollowing resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks In-school curriculum	ool's science prone circle in e Not at all	ogram structured ach row. Small extent	Moderate extent	Large extent	VHZ41307 VHZ41306	R	To align the science survey questionnal with those used in other
5. To what extent is your sche following resources? Select 1. District curriculum standards or curriculum guides 5. State curriculum standards or frameworks 5. Standards or frameworks	Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306	To what extent is your sche following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks	ool's science prone circle in e	ogram structured ach row. Small extent	Moderate extent	Large extent	VH241307	R	To align the science survey questionnair with those used in othe subjects and to keep
5. To what extent is your sche following resources? Select 1. District curriculum standards or curriculum guides 5. State curriculum standards or frameworks 6. Standards or frameworks common to several states 6. In-school curriculum frameworks and standards 6. In-school curriculum frameworks and standards	Not at all	Small extens	Moderate extent © ©	Large extent	VH241307 VH241306 VH203774	To what extent is your schefollowing resources? Select a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's science prone circle in e Not at all	ogram structured ach row. Small extent	Moderate extent	Large extent	VHZ41307 VHZ41306	R	To align the science survey questionnair with those used in othe subjects and to keep school
5. To what extent is your sche following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks Standards or frameworks common to several states In-school curriculum frameworks and standards for learning Results from school assessments (e.g., quizzes	Not at all	Small extens	Moderate extent	Large extent	VH241807 VH241809 VH703771 VH241809	To what extent is your schefollowing resources? Select a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's science prone circle in e Not at all	ogram structured ach row. Small extent	Moderate extent	Large extent	VHZ41307 VHZ41306	R	To align the science survey questionnair with those used in other subjects and to keep school administrate
5. To what extent is your sche following resources? Select look of the following resources? Select standards or curriculum standards or frameworks. State curriculum standards or frameworks common to several states. In-school curriculum frameworks and standards for learning. Results from school assessments (e.g., quizzes or tests created by teachers). Results from district assessments.	Not at all O O O	Small extens	Moderate extent	Large extent	VH241807 VH241809 VH241809 VH241809	To what extent is your schefollowing resources? Select a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's science prone circle in e Not at all	ogram structured ach row. Small extent	Moderate extent	Large extent	VHZ41307 VHZ41306	R	To align the science survey questionnai with those used in othe subjects and to keep school administrate burden low,
5. To what extent is your sche following resources? Select following resources? Select standards or curriculum guides Stare curriculum standards or frameworks. Standards or frameworks common to several states. In-school curriculum frameworks and standards for learning. Results from school assessments (e.g., quizzes or tests created by teachers) Results from district assessments Results from state assessments Results from state assessments Results from pational	Not at all O O O O	Small extent D D D	Moderate extent	Large extent	VHEALRO7 VHEALRO7 VHEALRO9 VHEALRO9 VHEALRO9 VHEALRO9	To what extent is your schefollowing resources? Select a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's science prone circle in e Not at all	ogram structured ach row. Small extent	Moderate extent	Large extent	VHZ41307 VHZ41306	R	To align the science survey questionnai with those used in othe subjects and to keep school administrate burden low, sub-items C
5. To what extent is your sche following resources? Select following resources? Select standards or curriculum guides 5. Standards or curriculum standards or frameworks 5. Standards or frameworks common to several states In-school curriculum frameworks and standards for learning Results from school assessments (e.g., quizzes or tests created by teachers) Results from district assessments Results from state assessments Results from pational assessments Discretion of individual	Not at all O O O O O	Small extens D D D	Moderate extent	Large extent	VH241307 VH241309 VH241309 VH241354 VH640364 VH640364	To what extent is your schefollowing resources? Select a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's science prone circle in e Not at all	ogram structured ach row. Small extent	Moderate extent	Large extent	VHZ41307 VHZ41306	R	To align the science survey questionnal with those used in othe subjects and to keep school administrate
5. To what extent is your sche following resources? Select look of the following resources? Select standards or curriculum guides or frameworks or frameworks common to several states I.n-school curriculum frameworks and standards for learning or several standards for learning or several standards for learning or several standards for learning or several standards for learning or several several several standards for learning or several several standards for learning or several seve	Not at all So So So So So So So So So So So So So	Small extens D D D D D D	Moderate extent	Large extent	VHEALRO7 VHEALRO9 VHEALRO9 VHEALRO4 VHEALRO4 VHEALRO4 VHEALRO4 VHEALRO4 VHEALRO5 VHEALRO5 VHEALRO5 VHEALRO5 VHEALRO5	To what extent is your schefollowing resources? Select a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ool's science prone circle in e Not at all	ogram structured ach row. Small extent	Moderate extent	Large extent	VHZ41307 VHZ41306	R	To align the science survey questionnai with those used in othe subjects and to keep school administrate burden low, sub-items C E, F, G, H, I,

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
To what extent do your sch for the following types of a	ool's fourth-grassessments? Se	ide science curric lect one circle in	ula focus on pr each row.	eparation	VHS41315	To what extent do your sch for the following types of as	6. To what extent do your school's fourth-grade science curricula focus on preparation for the following types of assessments? Select one circle in each row,						N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
a. State assessments	•	0	0	Ф	VHZ83319	a. State assessments	Φ.	0	0	Φ.	VH241319		
b. District assessments	. 0	0	0	0	VR241918	b. District assessments	0	0	0	0	VH241818		
 c. School assessments (e.g., quizzes or tests created by teachers) 	•	0	0	•	V785409/64	c. School assessments (e.g., quizzes or tests created by teachers)	@	(3)	0	0	V11640%64		
 7. To what extent does your se science teaching and learnin Not at all Small extent 		o-to-date technolo	ogy resources f	or	VH042831	7. To what extent does your schescience teaching and learning Not at all Small extent		o-to-date technolo	gy resources f	or	VH642831	NC	N/A
Moderate extent Large extent						Moderate extentLarge extent							
(2018 Grade 4)						Issue: Resources for	Learning	and Instru	ction				
8. Does your school have labor: The example of the	ntory facilities	for fourth-grade s	science instruc	tion?	Astaining	8. Does your school have labora Test Yes	tory facilities	for fourth-grade s	cience instruc	tion?	VH240119	NC	N/A
① No						® No							
						Issue: Resources for						1	

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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
9. To what extent do your sch fourth-grade instruction ha					VH241330	To what extent do your sche fourth-grade instruction hav					VH241320	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
a. Demonstration stations	®	⊕	9	0	VH241.521	a. Demonstration stations	®	•	0	0	VH241323		
b. Student lab stations	@	00	Ð	Ф	VH541523	b. Student lab stations	(A)	1 10	0	0	VH24(322		
. Storage areas for chemicals and other supplies	®	0	0	0	VHZ4 LILIS	c. Storage areas for chemicals and other supplies	®	•	0	0	VH241323		
d. Electricity (for example, power outlets for using lab equipment)	®	9	0	0	V16241324	d. Electricity (for example, power outlets for using lab	•	0	0	Ф	VH241824		
e. Running water	0	0	0	0	V(12(1830)	equipment) e. Running water	®	•	0	0	VH241330		
Gas for burners	0	•	0	0	VIES11-826	f. Gas for burners	®	1 10	0	0	VH241326		
g. Hoods or air hoses	0	0	9	0	VHSALIST	g. Hoods or air hoses	®	0	0	0	VH241327		
h. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations)	Ø	0	0	0	VH241328	h. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations)	0	0	0	0	VH241328		
i. Computers and other digital devices	Φ	(D)	0	0	VH241329	i. Computers and other digital devices	®	•	0	0	VH241329		
			0.000					-					
	⊕ of the followin, ur school? Sele-	g types of science	© clubs offered	to @	VH241325	j. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you	of the followin	ng types of science	clubs offered	to	VH241325 VH241362	R	Due to lov
2018 Grade 4)	of the followin	g types of science	: clubs offered	l to	,	i. Internet connection Issue: Resources for 10. In this school year, are any	Learning	g and Instru	iction	to		R	response
2018 Grade 4) 10. In this school year, are any fourth-grade students in your parent yolunteered (initiated	of the followin ur school? Selec	g types of science et one circle in es	: clubs offered		,	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate	Learning of the followir ur school? Sele	g and Instru	iction	No	VH241%2	R	response variability
2018 Grade 4) 10. In this school year, are any fourth-grade students in you. Parent volunteered (initiated individual parents) Teacher volunteered (initiated individual parents)	of the followin ur school? Selec and run by	g types of science et one circle in es Yes	: clubs offered	No No	vigine	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate individual teachers) b. School sponsored (initiated b	Learning of the followir ur school? Sele	g and Instru	iction	No ®		R	response variability to keep
2018 Grade 4) 10. In this school year, are any fourth-grade students in you. Parent volunteered (initiated individual parents) Teacher volunteered (initiated individual steachers) School sponsored (initiated by Sc	of the followin ur school? Select and run by d and run by y school and	g types of science et one circle in es	: clubs offered	No ®	VIQ.1362 VI8640872	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate individual teachers) b. School sponsored (initiated brun by school designated personance) c. Partnered with external agence	Learning of the followir ur school? Sele ed and run by ry school and sonnel) cies (e.g.,	g and Instru	iction	No ®	VH241362 VH241363 VH241365	R	response variability to keep school
2018 Grade 4) 10. In this school year, are any fourth-grade students in your parent volunteered (initiated individual parents) o. Teacher volunteered (initiated individual teachers)	of the followin, ur school? Select and run by d and run by y school and connel) cies (e.g.,	g types of science et one circle in es Yes	: clubs offered	No D	VH241362 VH4440873 VH241363	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate individual teachers) b. School sponsored (initiated b run by school designated pers	Learning of the followir ur school? Sele ed and run by ry school and sonnel) cies (e.g.,	g and Instru	iction	No ®	VH241362 VH241363	R	variability to keep school administra burden lo
2018 Grade 4) 10. In this school year, are any fourth-grade students in you have a support of the following students of the following students of the following students of the following students of the following school designated per support of the following	of the followin ur school? Select and run by d and run by y school and sonnel) cies (e.g., 18, or	g types of science et one circle in es Yes	e clubs offered	No	VH241362 V18640872 V1244363 VH241365	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate individual teachers) b. School sponsored (initiated brun by school designated personal personal year) c. Partnered with external agenuniversities, science museum companies) Issue: Resources for 11. To what extent does your set	Learning of the followir ur school? Sele ed and run by ny school and sonnel) cies (e.g., ns, or	g and Instru	action e clubs offered ach row.	No D D	VH241362 VH241363 VH241365	R	response variability to keep school administration burden lo sub-item
2018 Grade 4) 10. In this school year, are any fourth-grade students in your students in your students in your students in your students of the property of t	of the followin ar school? Select and run by d and run by y school and sonnel) cies (e.g., as, or	g types of science of one circle in each of the circle in each of	nts with the	No No The state of the state	VHD41362 VH640872 VH640873 VH640873 VH641365 VH641366	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate individual teachers) b. School sponsored (initiated brun by school designated personal companies) c. Partnered with external agenuniversities, science museum companies)	Learning of the followir ur school? Sele ed and run by sy school and sonnel) cies (e.g., as, or Learning chool provide t t one circle in	g and Instru	ection eclubs offered ach row. Iction ents with the f	No D Ollowing 3 or more times	VH241362 VH241363 VH241365 VH241364		response variability to keep school administration burden lo sub-item was dropp
2018 Grade 4) 10. In this school year, are any fourth-grade students in your students in your students in your students in your students in your students in your students individual parents). Teacher volunteered (initiated individual teachers). School sponsored (initiated brun by school designated per universities, science museun companies). 2018 Grade 4)	of the followin ur school? Selections and run by d and run by y school and sonnel) cies (e.g., is, or	g types of science of one circle in es Yes © © ourth-grade stude ach row.	nts with the	No No The state of the state	V9041362 V98640872 V9241365 V9241364	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate individual teachers) b. School sponsored (initiated brun by school designated personal companies) C. Partnered with external agenuniversities, science museum companies) Issue: Resources for 11. To what extent does your selearning experiences? Select	Learning of the followir ur school? Sele ed and run by ny school and sonnel) cies (e.g., ns, or Learning chool provide t t one circle in	g and Instru	ection e clubs offered ach row. Iction ents with the f	No D Ollowing 3 or more times per year	VH241362 VH241365 VH241364 VH241366		response variability to keep school administra burden lo sub-item was dropp
2018 Grade 4) 10. In this school year, are any fourth-grade students in your the students in your the students in your the students in your the students of individual parents of individual teachers). School sponsored (initiated brun by school designated per la Partnered with external agen universities, science museun companies) 2018 Grade 4) 11. To what extent does your slearning experiences? Select	of the followin ar school? Select and run by d and run by y school and sonnel) cies (e.g., is, or chool provide for one circle in c	g types of science et one circle in es Yes Dourth-grade stude ach row. at all 1-2	nts with the	No No Solution Solution No Solution Solu	VH241362 VH3440672 VH241363 VH241364 VH241364	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate individual teachers) b. School sponsored (initiated brun by school designated personal year) c. Partnered with external agenuniversities, science museum companies) Issue: Resources for 11. To what extent does your so learning experiences? Selection	Learning of the followir ur school? Sele ed and run by ny school and sonnel) cies (e.g., ns, or Learning chool provide t one circle in	g and Instru	ection e clubs offered ach row. Iction ents with the f	No No Dollowing 3 or more times per year	VH241362 VH241363 VH241364 VH241366		response variability to keep school administration burden lo sub-item was dropp
2018 Grade 4) 10. In this school year, are any fourth-grade students in you have a support of the following students of t	of the followin, ar school? Selection and run by d and run by school and sonnel) cies (e.g., 18, or chool provide for one circle in each of the circle in	g types of science of one circle in es Yes © © ourth-grade stude ach row.	nts with the	No No The state of the state	V9041362 V98640872 V9241365 V9241364	i. Internet connection Issue: Resources for 10. In this school year, are any fourth-grade students in you a. Teacher volunteered (initiate individual teachers) b. School sponsored (initiated brun by school designated personal companies) C. Partnered with external agenuniversities, science museum companies) Issue: Resources for 11. To what extent does your selearning experiences? Select	Learning of the followir ur school? Sele ed and run by sy school and sonnel) cies (e.g., as, or Learning chool provide it one circle in	g and Instru	ection e clubs offered ach row. Iction ents with the f	No D Ollowing 3 or more times per year	VH241362 VH241365 VH241364 VH241366		response variability to keep school administration burden lo sub-item was dropp

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3aj: Operational Grade 4 Science

- 1. In addition to their regular classroom teacher, are there any **additional** full- or part-time science staff (e.g., a science specialist, science lead teacher, science supervisor, or science department head) **available to fourth-grade students** at your school?
 - Yes, available full-time to fourth-grade students
 - ® Yes, available part-time to fourth-grade students
 - © No

2. To what extent is each of the following a responsibility of the **additional** science staff **available to fourth-grade students** at your school? Select **one** circle in each row.

VH859433

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide science course-related support, remediation, or intervention to individual students	®	®	0	0	VH241297
b.	Provide science course-related support, remediation, or intervention to groups of students	(A)	®	0	0	VH241298
c.	Provide science enrichment to individual students	(A)	®	©	0	VH241299
d.	Provide science enrichment to groups of students	(A)	(B)	0	0	VH241300

- **3.** Are there any **additional** full- or part-time science staff (e.g., a science coach, science lead teacher, science supervisor, or science department head) **available to fourth-grade teachers** at your school?
 - Yes, available full-time to fourth-grade teachers
 - ® Yes, available part-time to fourth-grade teachers
 - © No

4. To what extent is each of the following a responsibility of the **additional** science staff **available to fourth-grade teachers** at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	Provide support/assistance with science content or the teaching of science to individual teachers	(9)	®	0	0	VH241302
b.	Provide technical support/ assistance with lab equipment to individual teachers	(4)	®	0	0	VH640260
c.	Conduct professional development about science or the teaching of science for groups of teachers	(8)	(B)	0	(1)	VH241303

5. To what extent is your school's science program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	®	®	0	0	VH241307
b. State curriculum standards or frameworks	(A)	®	0	0	VH241306
c. In-school curriculum frameworks and standards for learning	®	®	0	0	VH241309

VH241315

6. To what extent do your school's fourth-grade science curricula focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. State assessments	A	®	0	0	VH241319
b. District assessments	(A)	®	0	0	VH241318
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	(B)	0	0	VH640864

VH642831

- 7. To what extent does your school provide up-to-date technology resources for science teaching and learning?
 - Not at all
 - Small extent
 - Moderate extent
 - D Large extent

- 8. Does your school have laboratory facilities for fourth-grade science instruction?
 - A Yes
 - No

9. To what extent do your school's science laboratories that are available for fourth-grade instruction have the following features? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Demonstration stations	(A)	®	0	0	VH241321
b. Student lab stations	(A)	®	0	0	VH241322
c. Storage areas for chemicals and other supplies	(A)	®	0	0	VH241323
d. Electricity (for example, power outlets for using lab equipment)	(A)	®	0	0	VH241324
e. Running water	(A)	®	0	0	VH241330
f. Gas for burners	(A)	®	0	0	VH241326
g. Hoods or air hoses	(A)	®	0	0	VH241327
h. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations)	(A)	®	0	0	VH241328
i. Computers and other digital devices	(A)	®	0	0	VH241329
j. Internet connection	(A)	®	0	0	VH241325

10. In this school year, are any of the following types of science clubs offered to fourth-grade students in your school? Select **one** circle in each row.

	Yes	No	
a. Teacher volunteered (initiated and run by individual teachers)	®	®	VH241363
b. School sponsored (initiated by school and run by school designated personnel)	(A)	®	VH241365
c. Partnered with external agencies (e.g., universities, science museums, or companies)	®	®	VH241364

VH241366

11. To what extent does your school provide fourth-grade students with the following learning experiences? Select **one** circle in each row.

	Not at all	1–2 times per year	3 or more times per year	
a. Science fairs	A	®	0	VH241367
b. Science competitions	A	®	0	VH241368
c. Science-related field trips (e.g., museums, zoos, aquariums, science centers, or other similar sites)	0	®	0	VH241369

Appendix K-3ak: Summary of Changes Operational Grade 8 Science

Previous item						2019 item						D/A/ R/NC+	Rationale
1. In addition to their regular cl part-time science staff (e.g., a supervisor, or science departs school? ② Yes, available full-time to Yes, available part-time to No (2018 Grade 8)	science specia ment head) ava	list, science lead ilable to eighth-g tudents	teacher, science	ce	1. In addition to their regular classroom teacher, are there any additional full- or part-time science staff (e.g., a science specialist, science lead teacher, science supervisor, or science department head) available to eighth-grade students at your school? ② Yes, available full-time to eighth-grade students ③ Yes, available part-time to eighth-grade students ③ No						R	Bolding was added to the item for emphasis and to create consistency with similar items in others	
To what extent is each of the staff available to eighth-gra					AHSHTAN	Issue: Resources for 2. To what extent is each of the staff available to eighth-gra	ne following a i	responsibility of the	ne additional so	cience each row.	VH859456	R	subjects. Bolding was added to the
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			item for
a. Provide science course-related support, remediation, or intervention to individual students	0	(D)	Ø	@	VH24137)	a. Provide science course-related support, remediation, or intervention to individual students	@	•	©	0	VH241371		emphasis and to create
b. Provide science course-related support, remediation, or intervention to groups of students	60	Φ	0	Θ.	VH241572	b. Provide science course-related support, remediation, or intervention to groups of students	0	•	0	0	VH241372		consistency with similar items in
c. Provide science enrichment to individual students	©	00	0	0	VH241.673	c. Provide science enrichment to individual	0	®	0	0	VH241373		others
d. Provide science enrichment to groups of students	Φ	©	0	Ф	V11241374	students d. Provide science enrichment to groups of students	®	®	0	•	VH241A74		subjects.
(2018 Grade 8) 3. Are there any additional full-science lead teacher, science eighth-grade teachers at your 4 Yes, available full-time to 5 No No	supervisor, or s school? eighth-grade t	cience departme eachers			yitzesi2r	Issue: Resources for 3. Are there any additional full- science lead teacher, science eighth-grade teachers at your Yes, available full-time to Yes, available part-time to No	or part-time s supervisor, or school? eighth-grade	cience staff (e.g., science departme teachers	_ 70 . 6 %	ı. ble to	VH859364	R	Bolding was added to the item for emphasis and to create consistency with similar items in
(2018 Grade 8)						Issue: Resources for	Learning	and Instru	ction				others subjects.

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
4. To what extent is each of the staff available to eighth-gra	ne following a r de teachers at y	esponsibility of t your school? Selec	he additional s et one circle in	cience each row.	VII241375	 To what extent is each of the staff available to eighth-grad 					VH859471	R	Bolding was added to the
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			item for
Provide support/assistance with science content or the teaching of science to individual teachers	®	(3)	0		VH241376	Provide support/assistance with science content or the teaching of science to individual teachers	0	•	0	0	VH241376		emphasis and to create
b. Provide technical support/ assistance with lab equipment to individual teachers	®	•	0	0	V74640268	b. Provide technical support/ assistance with lab equipment to individual teachers	3	(8)	0	0	VH640268		consistency with similar
c. Conduct professional development about science or the teaching of science for groups of teachers	٨	©	0	Φ	VII241377	c. Conduct professional development about science or the teaching of science for groups of teachers	0	(8)	0	0	VH241377		items in others
5. To what extent is your scho			according to th	he	ANDIENA	Issue: Resources for 5. To what extent is your scho-		ogram structured		ie	VH241305	R	To align the
	V 27 T	T. T. W. L.			V1(34) 36A						V11241305	1_	
5. To what extent is your sche following resources? Select	one circle in e.	ich row.			VID4100A		ol's science pr		according to th	ne I	VH241305	R	To align the science
following resources? Select			Moderate extent	Large extent	V1041305	5. To what extent is your scho following resources? Select	ol's science pr			Large extent	VH241305	R	science survey
following resources? Select a. District curriculum standards or curriculum guides	one circle in e.	ich row.	Moderate		VICHNE VICHNE	5. To what extent is your school	ol's science pr one circle in e	ach row.	according to th		VH241305 VH241307	R	science survey questionnaire
following resources? Select a. District curriculum standards or curriculum	Not at all	Small extent	Moderate extent	Large extent		a. District curriculum standards or curriculum guides b. State curriculum standards or standards b. State curriculum standards	ol's science pr one circle in e	Small extent	Moderate extent	Large extent		R	science survey questionnair with those
a. District curriculum standards or curriculum guides b. State curriculum standards	Not at all	Small extent	Moderate extent	Large extent		a. District curriculum standards or frameworks b. State curriculum standards or frameworks c. In-school curriculum	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306	R	science survey questionnair with those used in other
a. District curriculum standards or curriculum guides b. Stare curriculum standards or frameworks c. Standards or frameworks common to several states d. In-school curriculum frameworks and standards	Not at all	Small extent	Moderate extent ©	Large extent	VH541307 VH541306	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306 VH241309	R	science survey questionnair with those
a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. Standards or frameworks common to several states d. In-school curriculum	Not at all	Small extent	Moderate extent © ©	Large extent	VH541307 VH241306 VH705771	a. District curriculum standards or curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306	R	science survey questionnair with those used in other subjects and to keep school
a. District curriculum standards or curriculum guides b. Stare curriculum standards or frameworks c. Standards or frameworks common to several states d. In-school curriculum frameworks and standards for learning e. Results from school assessments (e.g., quizzes or tests created by teachers) f. Results from district	Not at all	Small extent	Moderate extent © ©	Large extent	VIID41307 VIID41306 VIID5771 VIID41309	To what extent is your scho following resources? Select of the following resources? Select of the following resources of the following standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306 VH241309	R	science survey questionnair with those used in other subjects and to keep school administrato
a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. Standards or frameworks common to several states d. In-school curriculum frameworks and standards for learning e. Results from school assessments (e.g., quizzes or tests created by teachers) f. Results from district assessments g. Results from state	Not at all	Small extent D D D	Moderate extent © © ©	Large extent	VIDALSO7 VIDALSO6 VIDALSO6 VIDALSO9 VIDALSO9	To what extent is your scho following resources? Select of the following resources? Select of the following resources of the following standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306 VH241309	R	science survey questionnair with those used in other subjects and to keep school administrato burden low,
a. District curriculum standards or curriculum guides b. Stare curriculum standards or frameworks c. Standards or frameworks common to several states d. In-school curriculum frameworks and standards for learning e. Results from school assessments (e.g., quizzes or tests created by teachers) f. Results from district assessments g. Results from state assessments h. Results from rational	Not at all	Small extent D D D	Moderate extent © © © ©	Large extent D D D D D	VIDALSO7 VIDALSO6 VIDALSO6 VIDALSO9 VIDALSO9	To what extent is your scho following resources? Select of the following resources? Select of the following resources? Select of the following standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306 VH241309	R	science survey questionnair with those used in othe subjects and to keep school administrate burden low, sub-items C,
a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks common to several states d. In-school curriculum frameworks and standards for learning e. Results from school assessments (e.g., quizzes or tests created by teachers) f. Results from district assessments h. Results from state assessments h. Results from rational assessments i. Recommendations from	Not at all Output Ou	Small extent Small extent D D D	Moderate extent	Large extent	VH541307 VH541306 VH705771 VH541309 VH541314 VH640830 VH640831	To what extent is your scho following resources? Select of the following resources? Select of the following resources? Select of the following standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306 VH241309	R	science survey questionnair with those used in othe subjects and to keep school administrate burden low, sub-items C,
a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks common to several states d. In-school curriculum frameworks and standards for learning e. Results from school assessments (e.g., quizzes or tests created by teachers) f. Results from district assessments g. Results from state assessments h. Results from national assessments i. Recommendations from school science department j. Discretion of individual	one circle in e. Not at all	Small extent D D D D D	Moderate extent © © © © © © © © ©	Large extent D D D D D D D D D D D D D	VIDALISOS VIEDALISOS V	To what extent is your scho following resources? Select of the following resources? Select of the following resources? Select of the following standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306 VH241309	R	science survey questionnair with those used in other subjects and to keep school administrato burden low, sub-items C, E, F, G, H, J, H
a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. Standards or frameworks common to several states d. In-school curriculum frameworks and standards for learning e. Results from school assessments (e.g., quizzes or tests created by teachers) f. Results from district assessments g. Results from state assessments h. Results from rational assessments i. Recommendations from school science department	one circle in e. Not at all	Small extent D D D D D D D D D D D D D	Moderate extent	Large extent	VH241307 VH241306 VH205771 VH241309 VH241314 VH640830 VH640831 VH706772 VH241311	To what extent is your scho following resources? Select of the following resources? Select of the following resources? Select of the following standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	ol's science prone circle in e. Not at all	Small extent	Moderate extent	Large extent	VH241307 VH241306 VH241309	R	science survey questionnair with those used in othe subjects and to keep school administrate burden low, sub-items C, E, F, G, H, J, I and L were

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
6. To what extent do your sch for the following types of a	nool's eighth-grassessments? Se	ade science curric lect one circle in	ula focus on pr each row.	eparation	VH241179	6. To what extent do your sch for the following types of a	ool's eighth-gr sessments? Se	ade science curric elect one circle in o	ula focus on pi each row.	reparation	VH241379	NC	N/A
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
. State assessments	0	®	Ø	0	VH241383	a. State assessments	(4)	®	0	0	VH241383		
o. District assessments	0	(1)	0	9	VH24)382	b. District assessments	(A)	(D)	0	0	VH241382		
s. School assessments (e.g., quizzes or tests created by teachers)	0	◎	0	0	N1643937	c. School assessments (e.g., quizzes or tests created by teachers)	0	®	0	0	VH643937		
To what extent does your sci science teaching and learnin Not at all		p-to-date technol	ogy resources i	ior	VH642831	7. To what extent does your schecience teaching and learning Not at all	ool provide up	-11	gy resources f	or	VH642831	NC	N/A
Small extent						Small extent							
Moderate extent						Moderate extent							
⊕ Large extent						Moderate extent Large extent							
2018 Grade 8)						Issue: Resources for	Learning	and Instru	ction				
Does your school have labor. Yes	atory facilities	for eighth-grade	science instruc	ction?	/VED40122	8. Does your school have labora O Yes	ntory facilities	for eighth-grade s	cience instruc	tion?	VH240122	NC	N/A
© No						® No							

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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
To what extent do your sch eighth-grade instruction ha	ool's science la ve the followin	boratories that a g features? Select	re available for r one circle in	each row.	VRM	To what extent do your scho eighth-grade instruction hav	ool's science la	aboratories that an ig features? Select	e available for one circle in o	each row.	VH241384	NC	N/A
9	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			
. Demonstration stations	@	Φ	0	0	VH241385	a. Demonstration stations	0	®	0	0	VH241385		
. Internet connection	Ø	0	0	0	VH341J89	b. Internet connection	0	•	0	0	VH241389		
Student lab stations	Ø	0	0	0	VH241366	c. Student lab stations	0	®	0	0	VH241386		
 Storage areas for chemicals and other supplies 	0	0	0	0	VH24(387	d. Storage areas for chemicals and other supplies	0	•	0	0	VH241387		
 Electricity (for example, power outlets for using lab equipment) 	•	0	0	0	VII241388	e. Electricity (for example, power outlets for using lab equipment)	③	®	0	0	VH241388		
. Running water	0	0	0	0	VH241394	f. Running water	0	•	0	0	VH241394		
g. Gas for burners	Ø	•	9	0	VH341390	g. Gas for burners	0	9	0	0	VH241390	1	1
n. Hoods or air hoses	0	0	0	•	911211291	h. Hoods or air hoses	0	•	0	9	VH241391	1	1
Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations)	0	•	0	0	V183/1392	i. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations)	0	®	0	0	VH241392		
. Computers and other digital devices	Φ	0	0	0	VHMILIGA	j. Computers and other				_	-		
2018 Grade 8)	of the followin	g types of science	e clubs offered	to	VID41416	Issue: Resources for	of the followin	g types of science	clubs offered	to	VH241393. VH241446	R	Due to low
2018 Grade 8) 10. In this school year, are any eighth-grade students in yo	of the followin ur school? Sele	g types of science ct one circle in e Yes	e clubs offered ach row.	to	VIIZHAAS	Issue: Resources for	Learning	and Instru	ction			R	response
2018 Grade 8) 10. In this school year, are any eighth-grade students in your parent volunteered (initiated individual parents)	ur school? Sele	ct one circle in e	e clubs offered ach row.		VII24446. VH643916	Issue: Resources for	Learning of the followin or school? Sele	and Instru	ction	to		R	response variability ar
2018 Grade 8) 10. In this school year, are any eighth-grade students in you. 1. Patent volunteered (initiated individual parents) 2. Teacher volunteered (initiate individual teachers)	ur school? Sele and run by d and run by	ct one circle in e	e clubs offered ach row.	No		Issue: Resources for 10. In this school year, are any of eighth-grade students in you	Learning of the followin ar school? Sele d and run by y school and	and Instru	ction	No	VH241446	R	response
2018 Grade 8) 10. In this school year, are any eighth-grade students in you have to be individual parents. 11. Parent volunteered (initiated individual reachers). 12. School sponsored (initiated hours you school designated per run by school desi	and run by d and run by y school and sonnel)	Yes	e clubs offered ach row.	No	VH843916	Issue: Resources for 10. In this school year, are any of eighth-grade students in you a. Teacher volunteered (initiated individual teachers) b. School sponsored (initiated by run by school designated personal control of the property of	Learning of the followin ar school? Sele d and run by y school and onnel) cies (e.g.,	and Instru	ction	No D	VH241446	R	response variability and to keep school
2018 Grade 8) 10. In this school year, are any eighth-grade students in you. 10. Parent volunteered (initiated individual parents) 11. Teacher volunteered (initiated individual teachers) 12. School sponsored (initiated by School sponsored (init	and run by d and run by y school and sonnel) cies (e.g.,	Yes	e clubs offered ach row.	No	VH643916 VH241447	Issue: Resources for 10. In this school year, are any of eighth-grade students in you a. Teacher volunteered (initiated individual teachers) b. School sponsored (initiated by run by school designated personal	Learning of the followin ar school? Sele d and run by y school and onnel) cies (e.g.,	and Instru	ction	No D	VH241446 VH241447 VH241449	R	response variability ar to keep
2018 Grade 8) 10. In this school year, are any eighth-grade students in you. 1. Patent volunteered (initiated individual parents) 2. Teacher volunteered (initiated individual reachers) 2. School sponsored (initiated in run by school designated per universities, science museun universities, science museun	and run by d and run by y school and sonnel) cies (e.g.,	Yes © ©	e clubs offered ach row.	No © ©	VIB-13916 VIB-14-47 VIB-14-49 VIB-14-49	Issue: Resources for 10. In this school year, are any of eighth-grade students in you a. Teacher volunteered (initiated individual teachers) b. School sponsored (initiated by run by school designated personal control of the property of	Learning of the following school? Sele d and run by y school and onnel) cies (e.g., s, or	and Instru	ction clubs offered ch row.	No D	VH241446 VH241447 VH241449 VH241448	R	response variability ar to keep school administrate burden low, sub-item A was dropped
2018 Grade 8) 10. In this school year, are any eighth-grade students in you individual parents) 11. Parent volunteered (initiated individual reachers) 12. School sponsored (initiated brun by school designated per universities, science museun companies)	and run by d and run by vy school and sonnel) cies (e.g., ns, or	Yes D G G G G G G G G G G G G	ach row.	No	VH843916 VH241447 VH241449	Issue: Resources for 10. In this school year, are any of eighth-grade students in you a. Teacher volunteered (initiated individual teachers) b. School sponsored (initiated by run by school designated personal teachers) c. Partnered with external agency universities, science museum companies)	Learning of the following trachool? Selection in the following trachool? Selection in the following trachool and onnel) cies (e.g., s, or Learning	and Instru	ction clubs offered ch row.	No D D	VH241446 VH241447 VH241449	R	response variability ar to keep school administrate burden low,
2018 Grade 8) 10. In this school year, are any eighth-grade students in you individual parents) 11. Parent volunteered (initiated individual reachers) 12. School sponsored (initiated brun by school designated per universities, science museum companies) 13. Partnered with external agen universities, science museum companies) 14. To what extent does your s	and run by d and run by vy school and sonnel) cies (e.g., ns, or	Yes D S S S S S S S S S S S S	ents with the f	No	VIB-13916 VIB-14-47 VIB-14-49 VIB-14-49	Issue: Resources for 10. In this school year, are any of eighth-grade students in you a. Teacher volunteered (initiated individual teachers) b. School sponsored (initiated by run by school designated personal companies) c. Partnered with external agency universities, science museum companies) Issue: Resources for 11. To what extent does your second	Learning of the following trachool? Selection in the following trachool? Selection in the following trachool and onnel) cites (e.g., s., or Learning thool provide to one circle in the following trachool provide the following trachool prov	and Instru	ction clubs offered ch row. ction ction	No D D	VH241446 VH241447 VH241449 VH241448		response variability ar to keep school administrate burden low, sub-item A was dropped
2018 Grade 8) 10. In this school year, are any eighth-grade students in you individual parents) 11. Parent volunteered (initiated individual reachers) 12. School sponsored (initiated brun by school designated per universities, science museum companies) 12. Partnered with external agen universities, science museum companies) 13. To what extent does your s learning experiences? Selections of the science fairs	and run by d and run by vy school and sonnel) cies (e.g., is, or	Yes Tyes Symptotic studies and studies are studies and studies and studies are studies and studies and studies and studies are studies and studies and studies are studies and studies and studies are studies and studies are studies and studies are studies and studies are studies and studies are studies and studies are studies and studies are studies and studies and studies are studies are studies and studies are studies are studies and studies are studies a	ents with the f	No S Ollowing 3 or more times per year	V18643916 V18241447 V18241447 V18241448 V1884481	Issue: Resources for 10. In this school year, are any of eighth-grade students in you a. Teacher volunteered (initiated individual teachers) b. School sponsored (initiated by run by school designated personal companies) c. Partnered with external agency universities, science museum companies) Issue: Resources for 11. To what extent does your second	Learning of the following reschool? Selection of the following reschool? Selection of the following reschool and connell circles (e.g., s., or Learning thool provide cone circle in the following reschool	and Instru	ction clubs offered ch row. ction ction ents with the f	No No D D D D O O O O O O O O O	VH241446 VH241447 VH241449 VH241448		response variability ar to keep school administrate burden low, sub-item A was dropped
2018 Grade 8) 10. In this school year, are any eighth-grade students in you eighth-grade students in you individual parents) 11. Parent volunteered (initiated individual reachers) 12. School sponsored (initiated horn by school designated per universities, science museum companies) 13. Partnered with external agen universities, science museum companies) 14. To what extent does your s learning experiences? Select	and run by d and run by y school and sonnel) cies (e.g., s, or	Yes Tyes Symmetric in experiments of the street of the s	ents with the f	No Solowing 3 or more times per year	VIB-13916 VIB-1447 VIB-1447 VIB-1448 VIB-1448	Issue: Resources for 10. In this school year, are any of eighth-grade students in you are individual teachers) b. School sponsored (initiated by run by school designated personal companies) c. Partnered with external agency universities, science museum companies) Issue: Resources for 11. To what extent does your se learning experiences? Select	Learning of the following trachool? Selection of the following trachool? Selection of the following trachool and onnel) class (e.g., s, or Learning thool provide a one circle in Not	and Instrugg types of science ct one circle in early services and Instruction and Instruction and Instruction and Instruction at all 1-2	ction clubs offered ch row. ction ction ction ctimes per year	No D D D D D D D D D D D D D	VH241446 VH241447 VH241449 VH241448		response variability and to keep school administrate burden low, sub-item A was dropper

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3al: Operational Grade 8 Science

- 1. In addition to their regular classroom teacher, are there any additional full- or part-time science staff (e.g., a science specialist, science lead teacher, science supervisor, or science department head) available to eighth-grade students at your school?
 - Yes, available full-time to eighth-grade students
 - ® Yes, available part-time to eighth-grade students
 - © No

2. To what extent is each of the following a responsibility of the **additional** science staff **available to eighth-grade students** at your school? Select **one** circle in each row.

VH859456

	Not at all	Small extent	Moderate extent	Large extent	
a. Provide science course-related support, remediation, or intervention to individual students	(A)	®	0	0	VH241371
b. Provide science course-related support, remediation, or intervention to groups of students	(A)	®	0	Θ	VH241372
c. Provide science enrichment to individual students	(A)	®	0	0	VH241373
d. Provide science enrichment to groups of students	(A)	(8)	0	0	VH241374

- **3.** Are there any **additional** full- or part-time science staff (e.g., a science coach, science lead teacher, science supervisor, or science department head) **available to eighth-grade teachers** at your school?
 - Yes, available full-time to eighth-grade teachers
 - Yes, available part-time to eighth-grade teachers
 - © No

4. To what extent is each of the following a responsibility of the **additional** science staff **available to eighth-grade teachers** at your school? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Provide support/assistance with science content or the teaching of science to individual teachers	<u> </u>	(8)	0	0	VH241376
b. Provide technical support/ assistance with lab equipment to individual teachers	(A)	®	0	0	VH640268
c. Conduct professional development about science or the teaching of science for groups of teachers	<u>a</u>	®	©	©	VH241377

5. To what extent is your school's science program structured according to the following resources? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
a.	District curriculum standards or curriculum guides	®	®	0	0	VH241307
b.	State curriculum standards or frameworks	(A)	B	0	0	VH241306
c.	In-school curriculum frameworks and standards for learning	®	®	0	0	VH241309
d.	Recommendations from school science department	A	®	0	0	VH241311

VH241379

6. To what extent do your school's eighth-grade science curricula focus on preparation for the following types of assessments? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. State assessments	A	®	0	0	VH241383
b. District assessments	A	®	0	0	VH241382
c. School assessments (e.g., quizzes or tests created by teachers)	(A)	(8)	0	0	VH643937

- 7. To what extent does your school provide up-to-date technology resources for science teaching and learning?
 - Not at all
 - Small extent
 - Moderate extent
 - Large extent

- 8. Does your school have laboratory facilities for eighth-grade science instruction?
 - A Yes
 - ® No

9. To what extent do your school's science laboratories that are available for eighth-grade instruction have the following features? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Demonstration stations	A	®	©	0	VH241385
b. Internet connection	(A)	®	©	0	VH241389
c. Student lab stations	(A)	®	©	0	VH241386
d. Storage areas for chemicals and other supplies	G (A)	®	0	0	VH241387
e. Electricity (for example, power outlets for using lab equipment)	®	(8)	0	0	VH241388
f. Running water	(A)	®	©	0	VH241394
g. Gas for burners	(A)	®	©	0	VH241390
h. Hoods or air hoses	(A)	®	©	0	VH241391
i. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations)	®	(8)	0	0	VH241392
j. Computers and other digital devices	(A)	®	©	0	VH241393

10. In this school year, are any of the following types of science clubs offered to eighth-grade students in your school? Select **one** circle in each row.

	Yes	No	
a. Teacher volunteered (initiated and run by individual teachers)	®	®	VH241447
b. School sponsored (initiated by school and run by school designated personnel)	®	®	VH241449
c. Partnered with external agencies (e.g., universities, science museums, or companies)	®	®	VH241448

VH241451

11. To what extent does your school provide eighth-grade students with the following learning experiences? Select **one** circle in each row.

	Not at all	1–2 times per year	3 or more times per year	
a. Science fairs	(A)	®	0	VH241452
b. Science competitions	(A)	®	0	VH241453
c. Science-related field trips (e.g., museums, zoos, aquariums, science centers, or other similar sites)	(4)	®	0	VH241454

Appendix K-3am: Summary of Changes Operational Grade 12 Science

				2019 item				D/A/ R/NC+	Rationale
1. Beginning with ninth grade, how many years (o course work in science does your school or dist 1. Less than two years 1. Two years 1. Two years 1. Three years 1. Four years 1. More than four years 1. Word of the four years 1.	trict require for gradu:		VIEN0125	1. Beginning with ninth grade, how many years (or course work in science does your school or distrement of two years 1. Less than two years 1. Two years 1. Two years 1. Two years 1. Three years 1. Four years 1. More than four years 1. Issue: Organization of Instruction	NC NC	N/A			
2. Does your school offer online science courses fo Yes No	or credit?			 2. Does your school offer online science courses fo Yes No 					
(2018 Grade 12) 3. Are courses of at least one semester in length following subjects? Select one circle in each re	taught in your school	in each of the	Y8240984	Issue: Organization of Instructio 3. Are courses of at least one semester in length t following subjects? Select one circle in each ro	aught in your school	in each of the	V1030054	NC	N/A
	Yes	No			Yes	No			
a. Advanced Placement® Biology	Ø	0	V15240997	a. Advanced Placement® Biology	0	•	VHQX0897		
b. Advanced physics (beyond an introductory	0	0	VH240996	b. Advanced physics (beyond an introductory	0	•	VIDADOSA		
			-	course)		9	174240000		
course)									
course) c. Advanced biology (beyond an introductory course)	•	0	VH540994	c. Advanced biology (beyond an introductory course)	Φ	(3)	VH240094		
course) c. Advanced biology (beyond an introductory course) d. Advanced chemistry (beyond an	Φ Φ	0 0	VH240995	d. Advanced chemistry (beyond an			VH240994		
course) c. Advanced biology (beyond an introductory course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design		•	VH540994 VH540995 VH541064	d. Advanced chemistry (beyond an introductory course)	•	•	VH240995		
course) c. Advanced biology (beyond an introductory course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology	Φ Φ	®	VED41004	course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology					
course) c. Advanced biology (beyond an introductory course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course)	© Ø	(D)	VEE241004 VEE241005	d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an	•	•	VH240995		
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course) c. Advanced biology (beyond an introductory course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course) g. International Baccalaureate Chemistry h. International Baccalaureate Physics	© © ©	6 6	VH241004 VH241005 VH241002 VH241003	course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course) g. International Baccalaureate Chemistry h. International Baccalaureate Physics i. International Baccalaureate Biology j. Advanced environmental science (beyond	Ø Ø Ø Ø	(b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	VH2410098 VH241009 VH241009 VH241000 VH241000 VH2410003		
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course) c. Advanced biology (beyond an introductory course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course) g. International Baccalaureate Chemistry h. International Baccalaureate Physics i. International Baccalaureate Biology j. Advanced environmental science (beyond an introductory course) k. International Baccalaureate Environmental Systems and Societies l. Advanced Placement Environmental Science m. Advanced Placement Chemistry	© © © © © © © © © © © © © © © © © © ©	© © © © © © © © © © © © © © © © © © ©	VEDALIDO 4 VEDALIDO 5 VEDALIDO 5 VEDALIDO 5 VEDALIDO 19	course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course) g. International Baccalaureate Chemistry h. International Baccalaureate Physics i. International Baccalaureate Biology j. Advanced environmental science (beyond an introductory course) k. International Baccalaureate Environmental Systems and Societies l. Advanced Placement Environmental Science	© © © © © © © © © © © © © © © © © © ©	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	VHZ41008 VHZ41009 VHZ41009 VHZ41009 VHZ40009 VHZ40009 VHZ40010 VHZ40010 VHZ41001		
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course) c. Advanced biology (beyond an introductory course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course) g. International Baccalaureate Chemistry h. International Baccalaureate Physics i. International Baccalaureate Biology j. Advanced environmental science (beyond an introductory course) k. International Baccalaureate Environmental Systems and Societies J. Advanced Placement Environmental Science m. Advanced Placement Chemistry n. Advanced Placement Chemistry n. Advanced Placement Physics C o. Advanced Placement Physics 1 p. Advanced Placement Physics 2	© © © © © © © © © © © © © © © © © © ©		VEDALIDO 4 VEDALIDO 3 VEDALI	d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course) g. International Baccalaureate Chemistry h. International Baccalaureate Physics i. International Baccalaureate Biology j. Advanced environmental science (beyond an introductory course) k. International Baccalaureate Environmental Systems and Societies 1. Advanced Placement Environmental Science m. Advanced Placement Chemistry n. Advanced Placement Physics C o. Advanced Placement Physics I	© © © © © © © © © © © © © © © © © © ©	© © © © © © © © © © © © © © © © © © ©	VH240995 VH241004 VH241005 VH241005 VH24005 VH24005 VH240010 VH240099 VH240099 VH240099 VH240099 VH240099		
course) c. Advanced biology (beyond an introductory course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course) g. International Baccalaureate Chemistry h. International Baccalaureate Physics i. International Baccalaureate Biology j. Advanced environmental science (beyond an introductory course) k. International Baccalaureate Environmental Systems and Societies l. Advanced Placement Environmental Science m. Advanced Placement Chemistry n. Advanced Placement Physics C o. Advanced Placement Physics I	© © © © © © © © © © © © © © © © © © ©		VEDALIDO4 VEDALIDO5	course) d. Advanced chemistry (beyond an introductory course) e. International Baccalaureate® Design Technology f. Advanced technology (beyond an introductory course) g. International Baccalaureate Chemistry h. International Baccalaureate Physics i. International Baccalaureate Biology j. Advanced environmental science (beyond an introductory course) k. International Baccalaureate Environmental Systems and Societies l. Advanced Placement Environmental Science m. Advanced Placement Chemistry n. Advanced Placement Physics C	© © © © © © © © © © © © © © © © © © ©	© © © © © © © © © © © © © © © © © © ©	VH241004 VH241005 VH241005 VH241005 VH241005 VH241005 VH241001 VH241001 VH241001 VH241001 VH241001 VH241009 VH241001		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

				2019	Оре	rational Grade 12	Scien	ce Schoo	l				
Previous item						2019 item						D/A/ R/NC+	Rationale
4. In addition to their regular classroom teacher, are there any additional full- or part-time science staff (e.g., a science specialist, science lead teacher, science supervisor, or science department head) available to twelfth-grade students at your school? Yes, available full-time to twelfth-grade students Yes, available part-time to twelfth-grade students No						part-time science staff (e.g., a supervisor, or science departn school? Tes, available full-time to Yes, available part-time to No	 Yes, available full-time to twelfth-grade students Yes, available part-time to twelfth-grade students 						Bolding was added to the item for emphasis and to create consistency with similar items in others
(2018 Grade 12) 5. To what extent is each of t staff available to twelfth-gr					Virginiss	5. To what extent is each of th	e following a	responsibility of t	he additional se		VH859487	R	subjects. Bolding was
Sian available to twenting	Not at all	Small extent	Moderate extent	Large extent		staff available to twellth-grade students at your school? Select one circle in each row.						added to the item for	
Provide science course-related support, remediation, or intervention to individual students	®	0	extent	•	VH241456	a. Provide science course-related support, remediation, or intervention to individual students	•	•	extent	•	VH241456		emphasis and to create
b. Provide science course-related support, remediation, or intervention to groups of students	3 0	00	9	69	VH24F457	b. Provide science course-related support, remediation, or intervention to groups of students	course-related support, remediation, or	VH241457		consistency with similar items in			
 Provide science enrichment to individual students 	•	•	Θ	Φ	VPEZATANA	c. Provide science enrichment to individual	(3)	®-	0	0	VH241458		others
d. Provide science enrichment to groups of students	0	•	0	•	VERMING	d. Provide science enrichment to groups of students	enrichment to groups of 💿 🕦 💿 VH241459						subjects.
(2018 Grade 12)													
science lead teacher, science twelfth-grade teachers at you Yes, available full-time to	Are there any additional full- or part-time science staff (e.g., a science coach, science lead teacher, science supervisor, or science department head) available to twelfth-grade teachers at your school? Yes, available full-time to twelfth-grade teachers Yes, available part-time to twelfth-grade teachers No						Issue: Resources for Learning and Instruction 6. Are there any additional full- or part-time science staff (e.g., a science coach, science lead teacher, science supervisor, or science department head) available to twelfth-grade teachers at your school? © Yes, available full-time to twelfth-grade teachers © Yes, available part-time to twelfth-grade teachers © No						Bolding was added to the item for emphasis and to create consistency with similar items in others
(2018 Grade 12)						Issue: Resources for	Learning	and Instru	ction				others subjects.

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
7. To what extent is each of t staff available to twelfth-gr	he following a r ade teachers at	responsibility of the your school? Sele	he additional sect one circle in	cience n each row.	VRMINA	7. To what extent is each of the staff available to twelfth-gra	ne following a sade teachers at	responsibility of the your school? Sele	ne additional se ect one circle in	cience i each row.	VH859498	R	Bolding was
	Not at all	Small extent	Moderate extent	Large extent			Not at all	Small extent	Moderate extent	Large extent			item for
Provide support/assistance with science content or the teaching of science to individual teachers	0	☞	Ø	00	V18241461	Provide support/assistance with science content or the teaching of science to individual teachers	®	•	0	Φ	VH241461		emphasis ar
b. Provide technical support/ assistance with lab equipment to individual teachers	©	0	0	0	V18640273	b. Provide technical support/ assistance with lab equipment to individual teachers	®	•	0	0	VH640273		consistency with similar
c. Conduct professional development about science or the teaching of science for groups of teachers	Φ	Ф	0	00	VH241462	c. Conduct professional development about science or the teaching of science for groups of teachers	0	•	0	•	VH241462		items in others subjects.
a Catalan and a second				900	V1041505	A for water was the same of the	-11	ogram structured	11. 11. 1	120	VH241305	R	To align the
8. To what extent is your sche following resources? Select			according to th	ie		8. To what extent is your scho following resources? Select			according to tr	ie		N N	_
			Moderate extent	Large extent					Moderate	Large extent		K	To align the science survey
	one circle in ea	ach row,	Moderate	1	V10241/07		one circle in e	ach row.		L	VH241307	N	science survey questionnai
following resources? Select District curriculum standards or curriculum	one circle in ea	Small extent	Moderate extent	Large extent		a. District curriculum standards or curriculum guides b. State curriculum standards	one circle in e	Small extent	Moderate extent	Large extent	VH2A1307 VH2A1306	K	science survey questionnai with those
following resources? Select District curriculum standards or curriculum guides State curriculum standards	Not at all	Small extent	Moderate extent	Large extent	VIQAL307	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum	Not at all	Small extent	Moderate extent ©	Large extent	VH241306	K	science survey questionnai with those used in other
following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks Standards or frameworks	Not at all	Small extent	Moderate extent ©	Large extent	V1041307 V1041304	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	Not at all	Small extent	Moderate extent	Large extent		K	science survey questionnai with those used in othe subjects and to keep
following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks Standards or frameworks common to several states I. In-school curriculum frameworks and standards	Not at all	Small extent	Moderate extent © ©	Large extent	V16241307 V16241306 V16705771	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning	Not at all	Small extent	Moderate extent © ©	Large extent	VH241306 VH241309	K	science survey questionnai with those used in othe subjects and
following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks Standards or frameworks common to several states In-school curriculum frameworks and standards for learning Results from school	Not at all	Small extent	Moderate extent © © ©	Large extent	VIC41307 VIC41306 VIC701771 VIC41309	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	Not at all	Small extent	Moderate extent © ©	Large extent	VH241306 VH241309	K	science survey questionnai with those used in othe subjects and to keep school
n. District curriculum standards or curriculum guides standards or frameworks State curriculum standards or frameworks common to several states l. In-school curriculum frameworks and standards for learning Results from school assessments (e.g., quizzes or tests created by teachers) Results from district assessments Results from state assessments	Not at all	Small extent Small extent Small oxident Small oxident Small oxident	Moderate extent © © ©	Large extent	VID41307 VID41306 VID41306 VID41314	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	Not at all	Small extent	Moderate extent © ©	Large extent	VH241306 VH241309	K	science survey questionnai with those used in othe subjects and to keep school administrat burden low sub-items C
following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks Canadas or frameworks common to several states I. In-school curriculum frameworks and standards for learning Results from school assessments (e.g., quizzes or tests created by teachers) Results from district assessments Results from state	Not at all	Small extent Small extent Small extent Small extent	Moderate extent © © © © ©	Large extent	VID41307 VID41308 VID41308 VID41314 VID40840	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	Not at all	Small extent	Moderate extent © ©	Large extent	VH241306 VH241309	K	science survey questionnai with those used in othe subjects and to keep school administrat burden low sub-items C E, F, G, H, J,
following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks Standards or frameworks common to several states In-school curriculum frameworks and standards for learning Results from school assessments (e.g., quizzes or tests created by teachers) Results from district assessments Results from state assessments Results from national assessments Recommendations from school science department	One circle in ea	Small extent Small extent Small extent Small extent	Moderate extent	Large extent	VID41307 VID41308 VID41308 VID41314 VID40840	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	Not at all	Small extent	Moderate extent © ©	Large extent	VH241306 VH241309	K	science survey questionnal with those used in othe subjects and to keep school administrat burden low sub-items C E, F, G, H, J, and L were
following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks common to several states In-school curriculum frameworks and standards for learning Results from school assessments (e.g., quizzes or tests created by teachers) Results from district assessments Results from state assessments Results from national assessments Recommendations from	One circle in each of the circle in each of	Small extent Small extent Small extent Small extent	Moderate extent © © © © © © © © © © © © ©	Large extent	VIDALIO7 VIDALION VID	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	Not at all	Small extent	Moderate extent © ©	Large extent	VH241306 VH241309	K .	science survey questionnai with those used in othe subjects and to keep school administrat burden low sub-items C E, F, G, H, J,
following resources? Select District curriculum standards or curriculum guides State curriculum standards or frameworks Standards or frameworks common to several states In-school curriculum frameworks and standards for learning Results from school assessments (e.g., quizzes or tests created by teachers) Results from district assessments Results from state assessments Results from national assessments Results from from school science department Discretion of individual	One circle in each of the circle in each of	Small extent Small extent Small extent Small extent	Moderate extent © © © © © © © © © © © © ©	Large extent	VH241307 VH241308 VH290C771 VH241309 VH241314 VH640H40 VH640H40 VH640H40 VH640H40	a. District curriculum standards or curriculum guides b. State curriculum standards or frameworks c. In-school curriculum frameworks and standards for learning d. Recommendations from	Not at all	Small extent	Moderate extent © ©	Large extent	VH241306 VH241309	K .	science survey questionnal with those used in othe subjects and to keep school administrat burden low sub-items C E, F, G, H, J, and L were

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
9. To what extent does your sc science teaching and learnin		o-to-date technolo	ogy resources f	or	V(894283)	To what extent does your sch science teaching and learning		o-to-date technolo	gy resources fo	or	VH642831	NC	N/A
Not at all	0.					Not at all							
Small extent						Small extent							
Moderate extent						Moderate extent							
Large extent						Large extent							
(2018 Grade 12)						Issue: Resources for	Learning	and Instru	ction				
10. Does your school have laboYes	ratory facilities	for twelfth-grade	e science instru	etion?	-VH240127	10. Does your school have laborYes	ratory facilities	for twelfth-grade	science instru	ction?		NC	N/A
[®] No 2018 Grade 12)						No Issue: Resources for	Learning	and Instru	ction				
				each row.	VII541664		nool's science l	aboratories that ar	e available for	each row.	VR241464	R	
2018 Grade 12)				each row.	MEHM	Issue: Resources for	nool's science l	aboratories that ar	e available for	each row.	VH241464	R	
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction h	Not at all	Small extent	Moderate extent	Large extent	V10241465	Issue: Resources for	nool's science la	aboratories that ar ing features? Selec	e available for t one circle in Moderate		VH241464 VH241465	R	was revised to create
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction h a. Demonstration stations b. Student lab stations	Not at all	Small extent D D	Moderate extent	Large extent	VIII241865 VIII241896	Issue: Resources for 11. To what extent do your sch twelfth-grade instruction h a. Demonstration stations b. Student lab stations	nool's science la ave the following Not at all	aboratories that aring features? Selec	e available for t one circle in Moderate extent	Large extent		R	was revised to create consistence
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction h	Not at all	Small extent	Moderate extent	Large extent	V10241465	Issue: Resources for 11. To what extent do your sch twelfth-grade instruction h a. Demonstration stations b. Student lab stations c. Storage areas for chemicals	nool's science lave the following Not at all	Small extent	e available for t one circle in Moderate extent	Large extent	VH241465	R	was revised to create consistence with the
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction h a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity	Not at all	Small extent D D	Moderate extent	Large extent	VIE241465 VIE241466 VIE241467 VIE241467	Issue: Resources for 11. To what extent do your sch twelfth-grade instruction h a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity (for example,	Not at all	shoratories that arming features? Selection Small extent	e available for t one circle in Moderate extent © ©	Large extent	VH241465 VH241466 VH241467	R	was revised to create consistence with the grade 4 and
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction in a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity e. Running water	Not at all	Small extent Small extent Small extent	Moderate extent	Large extent	VIEN 1965 VED 1965 VIEN 1967 VIEN 1968 VED 1968	Issue: Resources for 11. To what extent do your sch twelfth-grade instruction h. a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity (for example, power outlets for using lab	Not at all	Small extent	e available for t one circle in Moderate extent ©	Large extent	VH241465 VH241466	R	was revised to create consistence with the
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction h a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity	Not at all	Small extent D D	Moderate extent	Large extent	VIE241465 VIE241466 VIE241467 VIE241467	Issue: Resources for 11. To what extent do your sch twelfth-grade instruction h a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity (for example,	Not at all	shoratories that arming features? Selection Small extent	e available for t one circle in Moderate extent © ©	Large extent	VH241465 VH241466 VH241467	R	consistence with the grade 4 and grade 8
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction h a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity e. Running water f. Gas for burners g. Hoods or air hoses h. Safety equipment (e.g.,	Not at all So So So So So So So So So So So So So	Small extent Small extent Small extent Small extent	Moderate extent	Large extent	VIEN1865 VIEN1866 VIEN1866 VIEN1867 VIEN1869 VIEN1869 VIEN1871 VIEN1871	a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity (for example, power outlets for using lab equipment)	Not at all	aboratories that arming features? Selections Small extent	e available for t one circle in Moderate extent © ©	Large extent	VH241465 VH241466 VH241467 VH865617	R	was revised to create consistence with the grade 4 and grade 8 versions of
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction has a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity e. Running water f. Gas for burners g. Hoods or air hoses h. Safety equipment (e.g., goggles, fire extinguishers,	Not at all O O O O O O O O O O O O O O O O O O	Small extent Small extent Small extent Small extent	Moderate extent	Large extent	VIE241465 VEE241466 VIE241467 VIE241468 VIE241469 VIE241471	a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity (for example, power outlets for using lab equipment) e. Running water f. Gas for burners g. Hoods or air hoses	Not at all	shoratories that arming features? Selections Small extent	e available for t one circle in Moderate extent	Large extent	VH241465 VH241466 VH241467 VH865617 VH241469	R	was revised to create consistence with the grade 4 and
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction h a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity e. Running water f. Gas for burners g. Hoods or air hoses h. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations) i. Computers and other digital devices	Not at all So So So So So So So So So So So So So	Small extent Small extent Small extent Small extent Small extent	Moderate extent Moderate extent	Large extent	VIENESS VIENES VIENe	a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity (for example, power outlets for using lab equipment) e. Running water f. Gas for burners	Not at all O O O O O O O O O O O O O O O O O O	shoratories that arming features? Selections of the selection of the selec	e available for t one circle in Moderate extent	Large extent	VH241465 VH241466 VH241467 VH865617 VH241469 VH241470	R	was revised to create consistence with the grade 4 and grade 8 versions of
2018 Grade 12) 11. To what extent do your set twelfth-grade instruction h a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity e. Running water f. Gas for burners g. Hoods or air hoses h. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations) i. Computers and other	Not at all O O O O O O O O O O O O O O O O O O	Small extent Small extent Small extent Small extent	Moderate extent	Large extent	VID41865 VID41865 VID41865 VID41865 VID41866 VID41869 VID41871 VID41872	a. Demonstration stations b. Student lab stations c. Storage areas for chemicals and other supplies d. Electricity (for example, power outlets for using lab equipment) e. Running water f. Gas for burners g. Hoods or air hoses h. Safety equipment (e.g., goggles, fire extinguishers,	Not at all	aboratories that arming features? Selection Small extent	e available for t one circle in Moderate extent	Large extent	VH241465 VH241466 VH241467 VH865617 VH865617 VH241469 VH241470 VH241471	R	was revised to create consistence with the grade 4 and grade 8 versions of

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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item					2019 item					D/A/ R/NC+	Rationale
12. In this school year, are any of the rwelfth-grade students in your sch	following types of nool? Select one ci	f science clubs offere ircle in each row.	ed to	VIDAIS06	 In this school year, are any of the f twelfth-grade students in your sch 	ollowing types o ool? Select one c	of science clubs offere circle in each row.	ed to	VH241506	R	Due to low
		Yes	No	. = 0			Yes	No			response
Parent volunteered (initiated and ruindividual parents)	in by	0	Ф	VH643899	Teacher volunteered (initiated and r individual teachers)	un by	®	(3)	VH241507		variability an
 Teacher volunteered (initiated and individual teachers) 		0	0	VH24 (507	 School sponsored (initiated by school run by school designated personnel) 		0	8	VH241509		school
 School sponsored (initiated by scho run by school designated personnel 	ol and	Ø	®	V94241509	 Partnered with external agencies (e. universities, science museums, or 	5··	0	®	VH241508		administrato
d. Partnered with external agencies (c universities, science museums, or companies)	·g.,	Φ.	©	VH241508	companies)						burden low, sub-item A
(2018 Grade 12)					Issue: Resources for Lear	ning and I	nstruction				was dropped
13. To what extent does your school plearning experiences? Select one of			ne following	V162415101	13. To what extent does your school p learning experiences? Select one co	rovide twelfth-gr rcle in each row.	rade students with th	ne following	VH241510	NC	N/A
	Not at all	1–2 times per year	3 or more times per year			Not at all	1–2 times per year	3 or more times per year			
a. Science fairs	(D)	(D)	Ø	VH243511	a. Science fairs	®	(3)	0	VH241511		
b. Science competitions	®	0	0	VH241512	b. Science competitions	®	(3)	0	VH241512		
c. Science-related field trips (e.g., museums, 200s, aquariums, science centers, or other similar sites)	Ø	Φ	0	VH241513	c. Science-related field trips (e.g., museums, zoos, aquariums, science centers, or other similar sites)	®	•	0	VH241513		

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3an: Operational Grade 12 Science

		VH240123
1.	Beginning with ninth grade, how many years (or Carnegie-unit equivalents) of course work in science does your school or district require for graduation?	
	Less than two years	
	Two years	
	© Three years	
	© Four years	
	© More than four years	

- 2. Does your school offer online science courses for credit?
 - A Yes
 - ® No

3. Are courses of at least one semester in length taught in your school in each of the following subjects? Select **one** circle in each row.

	Yes	No	
a. Advanced Placement® Biology	®	B	VH240997
b. Advanced physics (beyond an introductory course)	(a)	B	VH240996
c. Advanced biology (beyond an introductory course)	a	®	VH240994
d. Advanced chemistry (beyond an introductory course)	(a)	®	VH240995
e. International Baccalaureate® Design Technology	(A)	®	VH241004
f. Advanced technology (beyond an introductory course)	a	B	VH241005
g. International Baccalaureate Chemistry	(A)	®	VH241002
h. International Baccalaureate Physics	(A)	®	VH241003
i. International Baccalaureate Biology	(A)	®	VH240986
j. Advanced environmental science (beyond an introductory course)	(a)	®	VH241019
k. International Baccalaureate Environmental Systems and Societies	(a)	B	VH241001
l. Advanced Placement Environmental Science	(a)	B	VH240998
m. Advanced Placement Chemistry	(A)	®	VH240999
n. Advanced Placement Physics C	(A)	®	VH241000
o. Advanced Placement Physics 1	(A)	®	VH748759
p. Advanced Placement Physics 2	(A)	®	VH748760
q. Advanced Placement Computer Science A	(A)	®	VH241013
r. Advanced Placement Computer Science Principles		®	VH748761

- **4.** In addition to their regular classroom teacher, are there any **additional** full- or part-time science staff (e.g., a science specialist, science lead teacher, science supervisor, or science department head) **available to twelfth-grade students** at your school?
 - Yes, available full-time to twelfth-grade students
 - Yes, available part-time to twelfth-grade students
 - © No

5. To what extent is each of the following a responsibility of the **additional** science staff **available to twelfth-grade students** at your school? Select **one** circle in each row.

		Not at all	Small extent	Moderate extent	Large extent	
course	de science e-related support, liation, or rention to individual nts	(®	0	0	VH241456
course	de science e-related support, liation, or rention to groups of nts	(4)	®	0	0	VH241457
	de science nment to individual nts	(A)	®	0	0	VH241458
1	le science nment to groups of nts	(A)	®	0	0	VH241459

- **6.** Are there any **additional** full- or part-time science staff (e.g., a science coach, science lead teacher, science supervisor, or science department head) **available to twelfth-grade teachers** at your school?
 - Yes, available full-time to twelfth-grade teachers
 - Yes, available part-time to twelfth-grade teachers
 - © No

7. To what extent is each of the following a responsibility of the **additional** science staff **available to twelfth-grade teachers** at your school? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Provide support/assistance with science content or the teaching of science to individual teachers	®	®	0	0	VH241461
b. Provide technical support/ assistance with lab equipment to individual teachers	(4)	®	0	0	VH640273
c. Conduct professional development about science or the teaching of science for groups of teachers	<u> </u>	®	0	0	VH241462

VH241305

8. To what extent is your school's science program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	a	®	©	0	VH241307
b. State curriculum standards or frameworks	(A)	®	0	0	VH241306
c. In-school curriculum frameworks and standards for learning		(8)	©	0	VH241309
d. Recommendations from school science department	(A)	®	0	0	VH241311

17	ū	6	10	Q.	2	1

		VH642831
9.	To what extent does your school provide up-to-date technology resources for science teaching and learning?	
	Not at all	
	Small extent	
	Moderate extent	
	① Large extent	

- 10. Does your school have laboratory facilities for twelfth-grade science instruction?
 - A Yes
 - ® No

11. To what extent do your school's science laboratories that are available for twelfth-grade instruction have the following features? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Demonstration stations	(A)	®	0	0	VH241465
b. Student lab stations	(A)	®	0	0	VH241466
c. Storage areas for chemicals and other supplies	A	®	0	0	VH241467
d. Electricity (for example, power outlets for using lab equipment)	(A)	®	0	0	VH865617
e. Running water	(4)	₿	0	0	VH241469
f. Gas for burners	(A)	®	0	0	VH241470
g. Hoods or air hoses	(A)	®	0	0	VH241471
h. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations)	(A)	®	0	0	VH241472
i. Computers and other digital devices	(A)	®	0	0	VH241473
j. Internet connection	(A)	®	0	0	VH241474

12. In this school year, are any of the following types of science clubs offered to twelfth-grade students in your school? Select **one** circle in each row.

	Yes	No	
a. Teacher volunteered (initiated and run by individual teachers)	®	®	VH241507
b. School sponsored (initiated by school and run by school designated personnel)	®	®	VH241509
c. Partnered with external agencies (e.g., universities, science museums, or companies)	©	®	VH241508

13. To what extent does your school provide twelfth-grade students with the following learning experiences? Select **one** circle in each row.

	Not at all	1–2 times per year	3 or more times per year	
a. Science fairs	(A)	®	0	VH241511
b. Science competitions	(A)	®	0	VH241512
c. Science-related field trips (e.g., museums, zoos, aquariums, science centers, or other similar sites)	(4)	®	0	VH241513

Appendix K-3ao: Summary of Changes Operational Grade 4 NIES

Previous item	2019 item		D/A/ R/NC+	Rationale
1. What is your professional position (title) at this school?	What is your professional position (title) at this school?	VH242887	NC	N/A
(2015 Grade 4)				
2. Counting this year, how many years has the current principal or head of school held his/her position at this school? If less than 1 year total, enter "01." Years	Counting this year, how many years has the current principal or head of school held his/her position at this school? If less than 1 year total, enter "01." Years	VH253882	NC	N/A
(2015 Grade 4)		VH240180		
 Which of the following describes your school best? Please fill in one oval only. Regular public school Charter public school Bureau of Indian Education contracted or grant school Bureau of Indian Education operated school Other nonpublic school 	 3. Which of the following describes your school best? Please select one circle only. © Regular public school © Charter public school © Bureau of Indian Education contracted or grant school © Bureau of Indian Education operated school © Other nonpublic school 		NC	N/A
(2015 Grade 4)				
4. Is your school a boarding school? © Yes © No (2015 Grade 4)	4. Is your school a boarding school?	V1/240181	NC	N/A
5. Is your school located on a reservation/on tribal land? ② Yes ③ No	 5. Is your school located on a reservation/on tribal land? ① Yes ① No 	VII240182	NC	N/A
(2015 Grade 4)		VH240183	N.C	21/2
 6. Is your school an American Indian or Alaska Native language immersion school? Yes No 	 6. Is your school an American Indian or Alaska Native language immersion school? Yes No 		NC	N/A

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

evious item					2019 item						Rationale
7. How many American Indian and school? (Include both enrolled to calculations.) Students				VENENT	7. How many American Indian and/or Alaska Native students are enrolled at your school? (Include both enrolled tribal members and descendants in your calculations.) Students Students						N/A
Note: 1015 Grade 4) 8. For this school year, has funding from any of the following sources been used to provide educational services and support for American Indian or Alaska Native students? Some of the sources are designated specifically for American Indian or Alaska Native education, while others are intended for broader use. Fill in one oval on each line.					8. For this school year, has funding fro provide educational services and sur students? Some of the sources are de Alaska Native education, while othe each row.	port for Americ signated specifi	an Indian or Alask cally for American	a Native Indian or	VH241662	NC	The in-line direction was adapted from
	Yes.	No	I don't know			Yes	No	I don't know.			PBA to DBA:
a. Title I funds (Compensatory Education)	ø	Φ	ø	VC199529	a. Title I funds (Compensatory Education)	•	•	0	VH241663		"Fill in one
b. Title II funds (Professional Improvement)	0	0	0	VC190550	b. Title II funds (Professional Improvement)	®	•	0	VH241664		oval on each
c. Title III or other bilingual or ESL/ ELL funds	G D	(3)	(0)	VC190851	c. Title III or other bilingual or ESL/ ELL funds	®	®	0	VH241665	F	line." was
d. Title VII, Indian Education Formula Grant	0	0	0	VC190552	d. Title VII, Indian Education Formula Grant	®	(1)	0	VH241666		adapted to
e. Title VII, Discretionary Grant under Indian Education	0	(1)	0	YC190953	e. Title VII, Discretionary Grant under Indian Education	®	®	0	VH241667		"Select one
f. Individuals with Disabilities Education Act (IDEA) funds	0	0	0	VC190555	f. Individuals with Disabilities	®	©	0	VH241674		answer
g. Impact Aid Program	Ø	(0)	0	VC190556	Education Act (IDEA) funds g. Impact Aid Program	®	®	0	VH241669		
h. Johnson-O'Malley Grant	0	•	0	VC(98667	h. Johnson-O'Malley Grant	®	®	0	VH241670	>	choice on
i. Alaska Native Education Programs	0	0	0	YC190589	i. Alaska Native Education Programs	®	(D)	0	VH241671		each row."
Tribal or Village funds	0	0	0	VC190692	j. Tribal or Village funds	®	®	0	VH241672		
 Other funding sources related to American Indian or Alaska Native education (e.g., grants, donations, tuition, etc.) 	8	œ	0	VC19894	k. Other funding sources related to American Indian or Alaska Native education (e.g., grants, donations, tuition, etc.)	•	(6)	0	VH241673		
9. Are families of your students invegach line.	olved with your so	chool in the follow	ing ways? Fill in o	vinyesse ne oval on	9. Are families of your students involv one circle in each row.	ed with your scl			VH241675	NC	The in-line
		Yes	No			1.4	Yes	No			adapted fro
a. Academic club (for example, math	club)	Ø	GD.	VHU8SWO	a. Academic club (for example, math cl b. Arts club	ID)	Φ Φ	0	VH241676 VH241677		PBA to DBA
o. Arts club		0	0	VH138591	c. Cultural dances or activities (for exar	nple,	Ø	0	VH241678	(
 Cultural dances or activities (for ex drum groups) 	ample.	Ø	0	VH158592	drum groups) d. Drama club						"Fill in one
f. Drama club		0	•	VH158593	d. Drama club e. Making school curriculum decisions		®	(B)	VH241679 VH241680		oval on eac
. Making school curriculum decision		0	0	VH158591	f. Open houses or back-to-school nights		0	®	VH241681		
Open houses or back-to-school night	nts	0	0	VH158600	g. Parent-teacher conferences		⊕	Φ	VH241682		line." was
p. Parent-teacher conferences Description: Parent-teacher organizations		0	(1)	VIII SANSA	h. Parent-teacher organizations		0	(1)	VH241683		adapted to
. School sports		(B)	9	VH158598	i. School sports		0	(I)	VH241684		"Select one
. Volunteer programs		@	⊕	VH138590	j. Volunteer programsk. Other (please specify):		®	®	VH241685		
k. Other (please specify):						1	(D)	®	VH241686		answer

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
10. In a typical school year, how				ndian or Ala	vc962942 ska Native	10. In a typical school year, how many times has a member of the American Indian or Alaska Native community done the following? Select one circle in each row.						NC	The in-line direction wa
	Never	1-2 times	3 or more	I don't kn	low.		Never	1–2 times	3 or more times	I don't know.			adapted fro
Visited the school to discuss education issues with students and staff, other than a conference regarding an individual student	®	•	times	•	VC962943	a. Visited the school to discuss education issues with students and staff, other than a conference regarding an individual student b. Visited the school to share	•	•	Φ	Φ	VH241688		PBA to DBA "Fill in one oval on eac
o. Visited the school to share American Indian or Alaska Native traditions and culture with students and	®	•	0	Φ	VC962944	American Indian or Alaska Native traditions and culture with students and staff	⊗	•	0	0	VH241690		line." was adapted to "Select one
staff Participated in Indian Education Parent Groups	0	®	0	0	VC962946	c. Participated in Indian Education Parent Groups	⊗	•	0	•	VH241689	_	answer
2015 Grade 4)					VH154926					Control of the Control	VH241691	NG	choice on each row."
11. Are the following courses a culture offered at your scho		out American Inc	lian or Alaska N	ative tradition		Are the following courses an traditions and culture offered	d programs abo l at your school	l each year? Sele	dian or Alaska l ect one circle in	each row.		NC	The in-line direction w
		Yes	-1-	No		a. Year-long course	- 1	Yes		No	VH241692		adapted fro
a. Year-long course		⊗		®	VH154927	b. Semester-long course		(A)		(B)	VH241692 VH241693		PBA to DBA
b. Semester-long course		(4)		10	VH154928	c. Workshop or unit		⊗		•	VH241694		
d. Clubs		(9)		(B)	VH154932 VH154930	d. Clubs		(A)		(B)	VH241695	h	"Fill in one
Other programs (for example before or after regular class p	, study groups eriods)	0		•	VH154929	e. Other programs (for example, s before or after regular class per	study groups riods)	•		(1)	VH241696		oval on ea line." was
2015 Grade 4) 12. Are the following courses o	or nyograms abou	ut American India	in or Alaska Nat	ive traditions	vosesses and	12. Are the following courses or traditions and culture require	programs about d or elective for	t American India	an or Alaska Na eschool? Select	ative one circle	VH241697	NC	adapted to "Select one answer choice on each row." The in-line
culture required or elective					anu	in each row.	a or elective for	scaucints at your	School Sciect	one energe			direction v
	Requ	iired E	ective	Not offered			Requi	ired E	lective	Not offered			adapted fr
a. Year-long course	Q		®	0	VC962964	a. Year-long course	0		®	0	VH241698		PBA to DBA
	0		®	0	VC962966 VC962967	b. Semester-long course c. Workshop or unit	0		(b)	0	VH241700		"Fill in one
. Semester-long course . Workshop or unit		- 1				c. Horkshop of unit				•			oval on ea
c. Workshop or unit													line." was

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item							2019 item							D/A/ R/NC+	Rationale
															choice on each row."
12 D = 1	V-d	The state of the		Yandisan yan Albad	L N	V(06(300)	Do students in your scl Native cultures in any					ska	VH241701	NC	The in-line
 Do students in your so in any of the following 				Indian or Alas	ka Native cui	tures	Native cultures in any	of the follow.	ing areas: Sele	Thomas della a	-				direction wa
			Yes	1 3	No	-1	0.11			Yes		No			adapted fro
a. Oral language			Ø	_	®	vewams	a. Oral language b. Written language			0		(B)	VH241702 . VH241703		·
b. Written language			0		0	VC968007	c. History of tribes or cultu	ural groups		Φ		®	VH241704		PBA to DBA
c. History of tribes or cult	ural groups		0	_	0	VC963008	d. Traditions and customs	arar groups		0		®	VH241708		"Fill in one
d. Traditions and customs	100		00		Œ	ACARGONA	e. Arts, crafts, music, or da	ince		®		®	VH241706		oval on eac
 Arts, crafts, music, or da Tribal or village governa 			Ø	$\overline{}$	(D)	VC968018	f. Tribal or village governm			(A)	1	1	VH241707		
g. Current events and issu		0				late Auro	g. Current events and issue tribes or cultural groups		0	(A)	111111111111111111111111111111111111111	1	VH241705		line." was
tribes or cultural groups			0		00	71.700004	tribes of cultural groups		-		-1		1		adapted to
015 Grada 41															"Select one
2015 Grade 4)															answer
															choice on
															each row."
			0.00	V	2	VC963018	14. How much influence de				on your scho	ol's	VH241709	NC	The in-line
4. How much influence de			andards have	on your schoo	l's reading/la	nguage	14. How much influence de reading/language arts c				on your scho	ol's	VH241709	NC	The in-line
4. How much influence de arts curriculum? Fill in			andards have	on your schoo	l's reading/la	nguage		curriculum? S	elect one circ	le in each row.				NC	direction w
	one oval on e	ach line.	Some	A lot of	Unaware of	nguage					A lot of influence	ol's Unaware o standards		NC	direction w
arts curriculum? Fill in	one oval on e	ach line.				nguage	reading/language arts c	No influence	A little influence	Some influence	A lot of influence	Unaware o		NC	direction w adapted fro
	one oval on e	ach line.	Some	A lot of	Unaware of	vcsssss nguage vcssssss	a. State content	vurriculum? S	A little	le in each row.	A lot of	Unaware o	f VH241710	NC	direction w adapted fro PBA to DBA
arts curriculum? Fill in State content standards District content	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	VC963018 nguage VC963019 VC963020	reading/language arts c	No influence	A little influence	Some influence	A lot of influence	Unaware o	f	NC	direction w adapted fro
state content standards State content standards	one oval on e	A little influence	Some influence	A lot of influence	Unaware of standards	VC963019	a. State content standards b. District content standards c. Standards developed	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	f VH241710	NC	direction w adapted fro PBA to DBA "Fill in one
arts curriculum? Fill in State content standards District content	No influence	A little influence	Some influence ©	A lot of influence	Unaware of standards	VC963019 VC963020	a. State content standards b. District content standards c. Standards developed by national	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	f VH241710	NC	direction w adapted fro PBA to DBA "Fill in one oval on eac
State content standards District content standards Standards developed by national professional	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	VC963019	a. State content standards b. District content standards c. Standards developed	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	VH241710 VH241713	NC	direction w adapted fro PBA to DBA "Fill in one
State content standards District content standards Standards developed by national professional organizations	No influence	A little influence	Some influence ©	A lot of influence	Unaware of standards	VC963019 VC963020	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	F VH2.41710 VH2.41713 VH2.41712	NC	direction w adapted fro PBA to DBA "Fill in one oval on eac line." was
State content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content	No influence	A little influence	Some influence ©	A lot of influence	Unaware of standards	VC963019 VC963020	a. State content standards b. District content standards c. Standards developed by national professional organizations	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	VH241710 VH241713	NC	direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to
State content standards District content standards Standards developed by national professional organizations American Indian or	No influence	A little influence	Some influence © ©	A lot of influence	Unaware of standards	VC963019 VC963020 VC963021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	F VH2.41710 VH2.41713 VH2.41712	NC	direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to
State content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content	No influence	A little influence	Some influence © ©	A lot of influence	Unaware of standards	VC963019 VC963020 VC963021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	F VH2.41710 VH2.41713 VH2.41712	NC	direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to
state content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence © ©	A lot of influence	Unaware of standards	VC963019 VC963020 VC963021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	F VH2.41710 VH2.41713 VH2.41712	NC	direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to "Select one answer
State content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content	No influence	A little influence	Some influence © ©	A lot of influence	Unaware of standards	VC963019 VC963020 VC963021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	F VH2.41710 VH2.41713 VH2.41712	NC	direction was adapted from PBA to DBA "Fill in one oval on each line." was adapted to "Select one answer choice on
state content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence © ©	A lot of influence	Unaware of standards	VCN68021 VCN68021 VCN68021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	VH241710 VH241713 VH241712 VH241711	NC	direction was adapted from PBA to DBA "Fill in one oval on each line." was adapted to "Select one answer
State content standards District content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	VC968019 VC968020 VC968021 VC968021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	F VH2.41710 VH2.41713 VH2.41712	NC	direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to "Select one answer choice on
state content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	VC968019 VC968020 VC968021 VC968021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence	A lot of influence	Unaware o standards	VH241710 VH241713 VH241712 VH241711		direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to "Select one answer choice on each row."
State content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	VC968019 VC968021 VC968021 VC968021 VC968022	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	f VH2.41710 VH2.41713 VH2.41712 VH2.41711		direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to "Select one answer choice on each row." The in-line direction w
State content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards	© c does each of one oval on each	A little influence	Some influence © © © standards have	A lot of influence	Unaware of standards	VC968019 VC968021 VC968021 VC968021 VC968022	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards	See does each of ulum? Select of	A little influence	Some influence	A lot of influence	Unaware o standards	f VH2.41710 VH2.41713 VH2.41712 VH2.41711		direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to "Select one answer choice on each row."
State content standards District content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards 2015 Grade 4)	No influence do does each of one oval on each of influence	A little influence	Some influence © © © standards have influence	A lot of influence	Unaware of standards	VC968019 VC968020 VC968021 VC968022 VC968022	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	f VH2.41710 VH2.41713 VH2.41712 VH2.41711		direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to "Select one answer choice on each row." The in-line direction w adapted fro
State content standards District content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards 2015 Grade 4)	© c does each of one oval on each	A little influence	Some influence © © © standards have	A lot of influence	Unaware of standards	VC968019 VC968021 VC968021 VC968021 VC968022	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards 15. How much influence mathematics curricular standards b. District content	© No influence © O O O O O O O O O O O O O O O O O O	A little influence A little influence A little influence A little influence A little influence A little influence	standards have ch row.	A lot of influence	Unaware of standards	f VH241710 VH241713 VH241712 VH241711 VH241711 VH241711		direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to "Select one answer choice on each row." The in-line direction w adapted fro PBA to DBA
State content standards District content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards 2015 Grade 4) 15. How much influence curriculum? Fill in o	No influence do does each of one oval on each of influence	A little influence	Some influence © © © standards have influence	A lot of influence	Unaware of standards	VC968019 VC968020 VC968021 VC968022 VC968022	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards 15. How much influence mathematics curricular standards a. State content standards b. District content standards	© No influence © O O O O O O O O O O O O O O O O O O	A little influence	standards have ch row.	A lot of influence	Unaware of standards Unaware of standards	F VH2.41710 VH2.41713 VH2.41712 VH2.41711		direction w adapted fro PBA to DBA "Fill in one oval on each line." was adapted to "Select one answer choice on each row." The in-line direction w adapted fro
State content standards District content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards O15 Grade 4) 15. How much influence curriculum? Fill in o	© one oval on confidence	The tollowing th line. A little influence	Some influence © © © standards have influence ©	A lot of influence	Unaware of standards	VCN68021 VCN68021 VCN68021 VCN68021 VCN68021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards 15. How much influence mathematics curried a. State content standards b. District content standards c. Standards developed	© See does each of ulum? Select of influence	A little influence A little influence A little influence A little influence A little influence A little influence A little influence	standards have ch row.	A lot of influence	Unaware of standards	F VH241710 VH241713 VH241712 VH241711 VH241711 VH241714 VH241718		direction w adapted fro PBA to DBA "Fill in one oval on each line." was adapted to "Select one answer choice on each row." The in-line direction w adapted fro PBA to DBA "Fill in one
State content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards 2015 Grade 4) 15. How much influence curriculum? Fill in o	one oval on confidence Output Description of the confidence oval on each of the oval on each of influence Description oval on each of influence Description oval on each of influence Description oval on each of influence	A little influence	Some influence	A lot of influence	Unaware of standards	VCN68021 VCN68021 VCN68021 VCN68021 VCN68021	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards 15. How much influence mathematics curried a. State content standards b. District content standards c. Standards developed by national professional	© No influence © O O O O O O O O O O O O O O O O O O	A little influence A little influence A little influence A little influence A little influence A little influence	standards have ch row.	A lot of influence	Unaware of standards	f VH241710 VH241713 VH241712 VH241711 VH241711 VH241711		direction w adapted fro PBA to DBA "Fill in one oval on eac line." was adapted to "Select one answer choice on each row." The in-line direction w adapted fro PBA to DBA "Fill in one oval on eac
State content standards District content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards 2015 Grade 4) 15. How much influence curriculum? Fill in o	© one oval on confidence	The tollowing th line. A little influence	Some influence © © © standards have influence ©	A lot of influence	Unaware of standards	VC968021 VC968021 VC968021 VC968022 VC968022 VC968025 VC968025 VC968026	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards 15. How much influence mathematics curried a. State content standards b. District content standards c. Standards developed by national professional organizations	© See does each of ulum? Select of influence	A little influence A little influence A little influence A little influence A little influence A little influence A little influence	standards have ch row.	A lot of influence	Unaware of standards	F VH241710 VH241713 VH241712 VH241711 VH241711 VH241714 VH241718		direction w adapted fro PBA to DBA "Fill in one oval on each line." was adapted to "Select one answer choice on each row." The in-line direction w adapted fro PBA to DBA "Fill in one oval on each line." was
State content standards District content standards District content standards Standards developed by national professional organizations American Indian or Alaska Native content or cultural standards 2015 Grade 4) 15. How much influence curriculum? Fill in o	one oval on confidence No influence confidence conf	A little influence	Some influence	A lot of influence	Unaware of standards	VC968021 VC968021 VC968021 VC968022 VC968022 VC968025 VC968025 VC968026	a. State content standards b. District content standards c. Standards developed by national professional organizations d. American Indian or Alaska Native content or cultural standards 15. How much influence mathematics curried a. State content standards b. District content standards c. Standards developed by national professional	© No influence © © © © © © © © © © © © ©	A little influence A little influence A little influence A little influence A little influence A little influence A little influence	standards have ch row.	A lot of influence	Unaware of standards	F VH241710 VH241713 VH241712 VH241711 VH241711 VH241714 VH241718		direction wadapted from PBA to DBA "Fill in one oval on each line." was adapted to "Select one answer choice on each row." The in-line direction wadapted from PBA to DBA "Fill in one oval on each oval on each one oval on each one oval on each one oval oval oval oval oval oval oval oval

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
2015 Grade 4)												,	"Select one answer choice on each row."
16. Considering all of the stud Fill in one oval on each lin		iool, to what exte	nt is each of th	e following a pr	oblem?	16. Considering all of the stude following a problem? Select			nt is each of th	e	VH241719	NC	The in-line direction wa
	Not at all	Small extent	Moderate extent	Large extent	П		Not at all	Small extent	Moderate extent	Large extent			adapted fro
a. Student absenteeism	0	Φ.	©	0	VINCENT	a. Student absenteeism	(4)	•	0	0	VH241720		PBA to DBA
b. Student tardiness	9	0	0	0	VH138608	b. Student tardiness	®	0	0	0	VH241721		
c. Student health problems	0	0	0	•	VH158609	c. Student health problems	0	•	0	0	VH241722		"Fill in one
d. Student misbehavior in class	00	0	0	0	VHISALL	d. Student misbehavior in class e. Physical conflicts among	®	0	0	0	VH241724		oval on eac
e. Physical conflicts among students	(b)	0	Φ	Ф	VHISRAIZ	students	0	(1)	0	0	VH241731		line." was
f. Bullying	(3)	op.	0	Ф	VH158613	f. Bullying	0	®	0	0	VH241726		adantad ta
g. Low student aspirations	00	00	0		Vetti Sucre	g. Low student aspirations	®	•	0	0	VH241727		adapted to
h. Low teacher expectations	0	•	Φ	Ф	VH158615	h. Low teacher expectations	⊗	0	0	Φ	VH241728 VH241729		"Select one
i. Low family involvement	@	0	0	0	VHISA616	Low family involvement Inadequate transportation	0	0	0	0			20011101
j. Inadequate transportation for students	0	do .	0	0	VIIISMAN	for students	®	0	0	Φ	VH241725		answer choice on
015 Grade 4)		d family services	are offered at y	our school on a	vossen regular	17. Which of the following types school on a regular basis? Se	s of student an lect one circle	d family services in each row.		your Not offered	VH241732	NC	each row." The in-line direction w
 Which of the following typ basis? Fill in one oval on ea 		Offered	N	ot Offered		a. Health services for students su	ich as a			720.000			adapted fro
					VC96000	school nurse		⊗		1	VH241733		PBA to DBA
basis? Fill in one oval on ea a. Health services for students school nurse	A-1	00		(ID)		 b. Health services for families su 	ch as a			(1)	VH241734		"Fill in one
basis? Fill in one oval on ea	A-1	0		Φ	VC963047	community clinic		@	_				
basis? Fill in one oval on ea a. Health services for students school nurse b. Health services for families s	such as a				VC563043 VC563645	community clinic c. Social or counseling services for	or students	®		(8)	VH241735		
a. Health services for students school nurse b. Health services for families of community clinic. c. Social or counseling services d. Social or counseling services	such as a for students for families	0		Φ	VC963047 VC963047	community clinic c. Social or counseling services f d. Social or counseling services f	or students or families	@ @		•	VH241739		oval on eac
a. Health services for students school nurse b. Health services for families scommunity clinic c. Social or counseling services d. Social or counseling services e. Adult education programs fo	such as a s for students s for families or all ages	Φ Φ		© © ©	VC963048 VC963048	community clinic c. Social or counseling services f d. Social or counseling services f e. Adult education programs for	or students or families	(A)		® ®			
a. Health services for students, school nurse b. Health services for families a community clinic. c. Social or counseling services. d. Social or counseling services. Adult education programs for funding services for students.	such as a s for students. s for families or all ages	Ø Ø Ø		© © ©	VC963047 VC963048 VH017954	community clinic c. Social or counseling services f d. Social or counseling services f	or students or families all ages	@ @		•	VH241739 VH241737		oval on eac line." was
a. Health services for students school nurse b. Health services for families of community clinic. c. Social or counseling services. d. Social or counseling services. e. Adult education programs for	such as a s for students. s for families or all ages	Φ Φ		© © ©	VC963048 VC963048	community clinic c. Social or counseling services f d. Social or counseling services f e. Adult education programs for f. Tutoring services for students	or students or families all ages	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		(B) (B)	VH241739 VH241737 VH241738		oval on eac line." was adapted to
a. Health services for students school nurse b. Health services for families scommunity clinic c. Social or counseling services d. Social or counseling services e. Adult education programs fo f. Tutoring services for student g. Career counseling services fo	such as a s for students. s for families or all ages	Ø Ø Ø		© © ©	VC963047 VC963048 VH017954	community clinic c. Social or counseling services f d. Social or counseling services f e. Adult education programs for f. Tutoring services for students	or students or families all ages	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		(B) (B)	VH241739 VH241737 VH241738		oval on eac line." was adapted to
Health services for students school nurse Health services for families scommunity clinic Social or counseling services Social or counseling services Adult education programs fo Tutoring services for student	such as a s for students. s for families or all ages	Ø Ø Ø		© © ©	VC963047 VC963048 VH017954	community clinic c. Social or counseling services f d. Social or counseling services f e. Adult education programs for f. Tutoring services for students	or students or families all ages	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		(B) (B)	VH241739 VH241737 VH241738		oval on eac line." was adapted to "Select one answer
a. Health services for students school nurse b. Health services for families scommunity clinic c. Social or counseling services d. Social or counseling services e. Adult education programs fo f. Tutoring services for student g. Career counseling services fo	such as a s for students. s for families or all ages	Ø Ø Ø		© © ©	VC963047 VC963048 VH017954	community clinic c. Social or counseling services f d. Social or counseling services f e. Adult education programs for f. Tutoring services for students	or students or families all ages	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		(B) (B)	VH241739 VH241737 VH241738		oval on each line." was adapted to "Select one

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

evious item									2019 item						D/A/ R/NC+	Rationale			
8. In a typical school y for communication	ear, ho	w often do n school a	cs your s	chool provies? Fill in	ide each one oval	of the fol	lowing oppor	vesses	 In a typical school year, h opportunities for commu each row. 					VH241740	NC	The in-line direction was			
		A few tin		nce or twic a month		or twice week	Every day almost eve			A few times year	a Once or twice a month	Once or twice a week	Every day or almost every day			adapted from			
Teacher/family confer (individual or group)	rences	0		œ		0	0	Vicwania	a. Teacher/family conferences (individual or group)	Ø	•	0	0	VH241741		"Fill in one			
Information (for exame expectations, procedu calendars) sent home school	res.	•		®	1	Ф	0	VCSWM54	b. Information (for example, expectations, procedures, calendars) sent home about school	@	•	0	Φ	VH241742	4	oval on each			
Written reports (for example, report cards) child's performance so home		Φ		•		Θ	0	VC868055	c. Written reports (for example, report cards) of child's performance sent home	®	•	0	Φ	VH241743		adapted to			
Events at school in w families are invited to participate		۵		Φ		0	Φ	VC968666	d. Events at school in which families are invited to participate	•	•	0	0	VH241748		"Select one answer			
Opportunities to participate in formula of school policies and improvement plans		0		Φ		ø	Φ	VOMB67	 e. Opportunities to participate in formulation of school policies and improvement plans 	•	•	0	Ф	VH241745		choice on each row."			
Opportunities to shar American Indian or A Native histories and traditions as part of th instructional program	laska ne	0		•		θ	0	VC963058	f. Opportunities to share American Indian or Alaska Native histories and traditions as part of the instructional program	0	•	0	Φ	VH241746					
Telephone calls with		0		œ		0	0	VEWGEN	g. Telephone calls with parents	®	•	0	Φ	VH241747					
Information provided through websites or e	mail	0		0		0	0	VC943060	h. Information provided through websites or e-mail	®	•	0	Φ	VH241744					
19. Please indicate v following staten				ch line.		ool is descr	L Innex I de	n't	19. Please indicate what percer each of the following stater 0% 1-	tage of the inchents: Select of	ne circle in each	row.	ed by -100% I don't know.	VH241749	NC	The in-line direction was adapted from			
a. Teachers at	47.9	8,80.	1 40	74.250	s race.	74.75.0	6-100% kn	W.	a. Teachers at this school for	ST 102				1000000		PBA to DBA			
this school for 3 or more	Ø	00	0	Ф	Φ	Ø	@ 0	VOMANIE.	3 or more years b. American	D ©	o o	•	© ⊕	VH241750		"Fill in one			
years	Φ.	0	9	9	Φ	Ф	0	уднаста	Indian or Alaska Native	0	0	Ð	© ⊕	VH241752		oval on each			
b. American Indian or Alaska Native teachers at this school									c. American				-		1	adapted to			

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3ap: Operational Grade 4 NIES

1.	What is your professional position (title) at this school?	
2	Counting this year, how many years has the current principal or head of school	VH253882
∠.	held his/her position at this school? If less than 1 year total, enter "01."	
	Years	
3.	Which of the following describes your school best? Please select one circle only.	VH240180
	Regular public school	
	® Charter public school	
	© Bureau of Indian Education contracted or grant school	
	Bureau of Indian Education operated school	
	① Other nonpublic school	

		VH240181
1.	Is your school a boarding school?	
	Yes	
	® No	
		VH240182
5.	Is your school located on a reservation/on tribal land?	
	Yes	
	® No	
		VH240183
5.	Is your school an American Indian or Alaska Native language immersion school?	
	Yes	
	® No	
		VH253888
7.	How many American Indian and/or Alaska Native students are enrolled at your school? (Include both enrolled tribal members and descendants in your calculations.)	

Students

8. For this school year, has funding from any of the following sources been used to provide educational services and support for American Indian or Alaska Native students? Some of the sources are designated specifically for American Indian or Alaska Native education, while others are intended for broader use. Select **one** circle in each row.

	Yes	No	I don't know.	
a. Title I funds (Compensatory Education)	(A)	®	0	VH241663
b. Title II funds (Professional Improvement)	(8)	®	0	VH241664
c. Title III or other bilingual or ESL/ ELL funds	(8)	®	0	VH241665
d. Title VII, Indian Education Formula Grant	(8)	®	0	VH241666
e. Title VII, Discretionary Grant under Indian Education	(8)	®	0	VH241667
f. Individuals with Disabilities Education Act (IDEA) funds	(A)	®	0	VH241674
g. Impact Aid Program	(A)	®	O	VH241669
h. Johnson-O'Malley Grant	(A)	®	0	VH241670
i. Alaska Native Education Programs	(A)	®	0	VH241671
j. Tribal or Village funds	(A)	®	0	VH241672
k. Other funding sources related to American Indian or Alaska Native education (e.g., grants, donations, tuition, etc.)	(A)	®	0	VH241673

9. Are families of your students involved with your school in the following ways? Select **one** circle in each row.

	Yes	No	
a. Academic club (for example, math club)	(A)	B	VH241676
b. Arts club	A	B	VH241677
c. Cultural dances or activities (for example, drum groups)	(A)	®	VH241678
d. Drama club	(A)	®	VH241679
e. Making school curriculum decisions	A	B	VH241680
f. Open houses or back-to-school nights	(A)	®	VH241681
g. Parent-teacher conferences	A	B	VH241682
h. Parent-teacher organizations	A	B	VH241683
i. School sports	(A)	®	VH241684
j. Volunteer programs	A	B	VH241685
k. Other (please specify):	(A)	®	VH241686

VH241687

10. In a typical school year, how many times has a member of the American Indian or Alaska Native community done the following? Select **one** circle in each row.

		Never	1–2 times	3 or more times	I don't know.	
a.	Visited the school to discuss education issues with students and staff, other than a conference regarding an individual student	(4)	®	0	0	VH241688
b.	Visited the school to share American Indian or Alaska Native traditions and culture with students and staff	®	®	0	0	VH241690
c.	Participated in Indian Education Parent Groups	A	B	0	0	VH241689

11. Are the following courses and programs about American Indian or Alaska Native traditions and culture offered at your school each year? Select **one** circle in each row.

	Yes	No	
a. Year-long course	(A)	®	VH241692
b. Semester-long course	A	®	VH241693
c. Workshop or unit	(A)	®	VH241694
d. Clubs	A	®	VH241695
e. Other programs (for example, study groups before or after regular class periods)	(A)	®	VH241696

VH241697

12. Are the following courses or programs about American Indian or Alaska Native traditions and culture required or elective for students at your school? Select **one** circle in each row.

	Required	Elective	Not offered	
a. Year-long course	(A)	®	0	VH241698
b. Semester-long course	(A)	®	0	VH241700
c. Workshop or unit	(A)	®	©	VH241699

13. Do students in your school receive instruction about American Indian or Alaska Native cultures in any of the following areas? Select **one** circle in each row.

	Yes	No	
a. Oral language	(A)	®	VH241702
b. Written language	(A)	®	VH241703
c. History of tribes or cultural groups	(A)	®	VH241704
d. Traditions and customs	(A)	®	VH241708
e. Arts, crafts, music, or dance	(A)	®	VH241706
f. Tribal or village government	(A)	®	VH241707
g. Current events and issues important to tribes or cultural groups	(8)	®	VH241705

VH241709

14. How much influence does each of the following standards have on your school's **reading/language arts** curriculum? Select **one** circle in each row.

		No influence	A little influence	Some influence	A lot of influence	Unaware of standards	
	ate content andards	A	B	O	0	Œ	VH241710
	strict content andards	(8)	B	0	0	Œ	VH241713
by pro	andards developed national ofessional ganizations	(9)	®	0	Φ	©.	VH241712
Ala	nerican Indian or aska Native content cultural standards	(A)	®	0	0	Œ	VH241711

15. How much influence does each of the following standards have on your school's **mathematics** curriculum? Select **one** circle in each row.

	No influence	A little influence	Some influence	A lot of influence	Unaware of standards	
a. State content standards	A	®	O	0	Œ	VH241715
b. District content standards	(A)	®	0	0	Œ	VH241718
c. Standards developed by national professional organizations	(A)	®	0	0	©.	VH241717
d. American Indian or Alaska Native content or cultural standards	A	®	0	0	Œ	VH241716

16. Considering all of the students in your school, to what extent is each of the following a problem? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Student absenteeism	A	®	0	0	VH241720
b. Student tardiness	(A)	®	0	0	VH241721
c. Student health problems	(A)	®	0	0	VH241722
d. Student misbehavior in class	(A)	®	0	0	VH241724
e. Physical conflicts among students	(A)	®	0	0	VH241731
f. Bullying	(A)	®	0	0	VH241726
g. Low student aspirations	A	®	0	0	VH241727
h. Low teacher expectations	(A)	®	0	0	VH241728
i. Low family involvement	(A)	®	0	0	VH241729
j. Inadequate transportation for students	(A)	®	0	0	VH241725

17. Which of the following types of student and family services are offered at your school on a regular basis? Select **one** circle in each row.

	Offered	Not offered	
a. Health services for students such as a school nurse	(8)	®	VH241733
b. Health services for families such as a community clinic	(4)	®	VH241734
c. Social or counseling services for students	(A)	®	VH241735
d. Social or counseling services for families	(A)	®	VH241739
e. Adult education programs for all ages	(A)	®	VH241737
f. Tutoring services for students	(A)	®	VH241738
g. Career counseling services for students	(A)	®	VH241736

18. In a typical school year, how often does your school provide each of the following opportunities for communication between school and families? Select **one** circle in each row.

		A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	
a.	Teacher/family conferences (individual or group)	(A)	®	0	0	VH241741
b.	Information (for example, expectations, procedures, calendars) sent home about school	(9)	®	0	0	VH241742
c.	Written reports (for example, report cards) of child's performance sent home	(9)	®	0	0	VH241743
d.	Events at school in which families are invited to participate	(A)	®	0	0	VH241748
e.	Opportunities to participate in formulation of school policies and improvement plans	(9)	®	0	0	VH241745
f.	Opportunities to share American Indian or Alaska Native histories and traditions as part of the instructional program	(4)	®	0	0	VH241746
g.	Telephone calls with parents	(A)	®	0	0	VH241747
h.	Information provided through websites or e-mail	A	®	0	0	VH241744

19. Please indicate what percentage of the individuals at your school is described by each of the following statements: Select **one** circle in each row.

	0%	1–5%	6–10%	11–25%	26–50%	51–75%	76–100%	I don't know.	
a. Teachers at this school for 3 or more years	Ø	®	O	0	Œ	(F)	©	Ð	VH241750
b. American Indian or Alaska Native teachers at this school	(A)	®	0	Θ	©	Œ	6	Ð	VH241752
c. American Indian or Alaska Native staff other than teachers	(A)	®	0	0	Œ	Œ	©	Ð	VH241751

Appendix K-3aq: Summary of Changes Operational Grade 8 NIES

Previous item	2019 item		D/A/ R/NC+	Rationale
What is your professional position (title) at this school?	1. What is your professional position (title) at this school?	VH242887	NC	N/A
(2015 Grade 8)				
2. Counting this year, how many years has the current principal or head of school held his/her position at this school? If less than 1 year total, enter "01." Years	2. Counting this year, how many years has the current principal or head of school held his/her position at this school? If less than 1 year total, enter "01." Years Years	VH253827	NC	N/A
(2015 Grade 8) Which of the following describes your school best? Please fill in one oval only. Regular public school Charter public school Bureau of Indian Education contracted or grant school Bureau of Indian Education operated school Other nonpublic school	3. Which of the following describes your school best? Please select one circle only. ⚠ Regular public school ⚠ Charter public school ⚠ Bureau of Indian Education contracted or grant school ⚠ Bureau of Indian Education operated school ⚠ Other nonpublic school	VH240180	NC	N/A
(2015 Grade 8) 4. Is your school a boarding school? © Yes © No	 4. Is your school a boarding school? ◆ Yes ◆ No 	VH240181	NC	N/A

Previous item				_	2019 item					D/A/ R/NC+	Rationale
5. Is your school located on a reservat ② Yes ③ No	tion/on tribal land?			VH640437	 5. Is your school located on a reservatio Tes No 	on/on tribal land?			VH240182	NC	N/A
2015 Grade 8) 6. Is your school an American Indian of Yes No 2015 Grade 8)	or Alaska Native la	inguage immersio	on school?	VH040477	6. Is your school an American Indian or Yes No	r Alaska Native I	anguage immersie	on school?	VH240183	NC	N/A
7. How many American Indian and/oschool? (Include both enrolled tribs calculations.)				VC962919	7. How many American Indian and/or school? (Include both enrolled tribal calculations.)				VH253888	NC	Please note there were no content changes, but
2015 Grade 8)											the comma was removed free response
ш,шшш	or American Indian for American India	ı or Alaska Nativ an or Alaska Nati	e students? Some o	orman f the cothers	8. For this school year, has funding fre provide educational services and su students? Some of the sources are of Alaska Native education, while otherwork.	ipport for Americ designated specific	an Indian or Alasl cally for Americar	ka Native n Indian or	VH241662	NC	the comma was removed free response text box. The in-line direction was
2015 Grade 8) 8. For this school year, has funding freducational services and support for sources are designated specifically	or American Indian for American India n one oval on each	i or Alaska Natív an or Alaska Nati líne.	e students? Some o ive education, while	f the	provide educational services and su students? Some of the sources are of Alaska Native education, while other	ipport for Americ designated specific	an Indian or Alasl cally for Americar	ka Native n Indian or	VH241662	NC	the comma was removed free response text box. The in-line direction was adapted from
8. For this school year, has funding frequestional services and support for sources are designated specifically are intended for broader use. Fill in a. Title I funds (Compensatory	or American Indian for American India n one oval on each	a or Alaska Natív an or Alaska Nati líne. No	e students? Some o ive education, while I don't know	f the	provide educational services and su students? Some of the sources are of Alaska Native education, while oth each row. a. Title I funds (Compensatory	ipport for Americ designated specifi ers are intended fo	an Indian or Alasl cally for Americar or broader use. Selo	ka Native n Indian or ect one circle in	VH241662 VH241663	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA:
8. For this school year, has funding freducational services and support for sources are designated specifically are intended for broader use. Fill in a. Title I funds (Compensatory Education) b. Title II funds (Professional	or American Indian for American India n one oval on each Yes	a or Alaska Natív an or Alaska Nati line. No	e students? Some o tve education, while I don't know	f the cothers	provide educational services and sustudents? Some of the sources are calaska Native education, while otherwise each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional	ipport for Americ designated specific ers are intended for Yes	an Indian or Alasl cally for America or broader use. Selo No	A Native Indian or ect one circle in I don't know.		NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one
8. For this school year, has funding freducational services and support for sources are designated specifically are intended for broader use. Fill in a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/	or American Indian for American India n one oval on each Yes	a or Alaska Nativan or Alaska Nati	e students? Some o tve education, while I don't know	f the others	provide educational services and su students? Some of the sources are of Alaska Native education, while oth each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/	ipport for Americ designated specific ers are intended for Yes	an Indian or Alasl cally for America or broader use. Selo No	ka Native n Indian or sect one circle in I don't know.	VH241663	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one oval on each
8. For this school year, has funding frequestional services and support frequestional services are designated specifically are intended for broader use. Fill in a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement)	or American Indian for American India o one oval on each Yes	a or Alaska Nativan or Alaska Nati line. No	e students? Some o ive education, while I don't know	the others where	provide educational services and su students? Some of the sources are: Alaska Native education, while oth each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education	upport for Americ designated specific ers are intended for Yes	an Indian or Alasl cally for American or broader use. Sele No	a Native I Indian or cet one circle in I don't know.	VH241663 VH241664	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was
8. For this school year, has funding freducational services and support for sources are designated specifically are intended for broader use. Fill in a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds	or American Indian for American Indian on one oval on each Ves	n or Alaska Nativan or Alaska Nativan or Alaska Nati	e students? Some o ve education, while I don't know	f the others WINGOV WINGOV WINGOV WINGOV WINGOV WINGOV	provide educational services and sustudents? Some of the sources are Alaska Native education, while other each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Grant e. Title VII, Discretionary Grant	apport for Americ designated specific ers are intended for Yes	an Indian or Alasl cally for American or broader use. Sele No	as Native n Indian or rections circle in I don't know.	VH241663 VH241664 VH241665 VH241666	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was adapted to
8. For this school year, has funding freducational services and support for sources are designated specifically are intended for broader use. Fill in a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Crant	or American Indian for American India n one oval on each Yes	a or Alaska Nativan or Alaska Nativan or Alaska Nati	e students? Some o eve education, while I don't know	f the others Windso	provide educational services and sustudents? Some of the sources are a Alaska Native education, while otherwise each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Grant	upport for Americ designated specific ers are intended for Yes	na Indian or Alasla cally for America or broader use. Sele No D D	As Native n Indian or cet one circle in I don't know.	VH241663 VH241664 VH241665 VH241666 VH241667	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was adapted to "Select one
8. For this school year, has funding freducational services and support for sources are designated specifically are intended for broader use. Fill in Education a. Title I funds (Compensatory Education) b. Title III tunds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Grant c. Title VII, Discretionary Grant under Indian Education f. Individuals with Disabilities Education Act (IDEA) funds	or American Indian for American India n one oval on each Yes	a or Alaska Nativan or Alaska Nativan or Alaska Natiline. No D D	e students? Some o eve education, while I don't know	f the others Viringson Viringson Viringson Viringson Viringson Viringson Viringson Viringson Viringson	provide educational services and sustudents? Some of the sources are a Alaska Native education, while other each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Grant e. Title VII, Discretionary Grant under Indian Education f. Individuals with Disabilities Education Act (IDEA) funds	ypport for Americ designated specific ers are intended for Yes	na Indian or Alasla cally for American or broader use. Sele No	a Native n Indian or cet one circle in I don't know.	VH241663 VH241664 VH241665 VH241667 VH24167	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was adapted to "Select one answer
8. For this school year, has funding freducational services and support for sources are designated specifically are intended for broader use. Fill in a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Crant e. Title VII, Discretionary Grant under Indian Education f. Individuals with Disabilities	or American Indian for American India n one oval on each Yes	a or Alaska Nativan or Alaska Nativan or Alaska Nati	e students? Some o eve education, while I don't know	f the others Windso	provide educational services and sustudents? Some of the sources are a Alaska Native education, while oth each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Grant e. Title VII, Discretionary Grant under Indian Education f. Individuals with Disabilities	upport for Americ designated specific ers are intended for Yes	na Indian or Alasla cally for America or broader use. Sele No D D	As Native n Indian or cet one circle in I don't know.	VH241663 VH241664 VH241665 VH241666 VH241667	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was adapted to "Select one
8. For this school year, has funding freducational services and support for sources are designated specifically are intended for broader use. Fill in Education a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Grant c. Title VII, Discretionary Grant under Indian Education f. Individuals with Disabilities Education Act (IDEA) funds g. Impact Aid Program h. Johnson-O'Malley Grant 1. Alaska Native Education	or American India for American India or one oval on each Yes	a or Alaska Nativan or Alaska Nativan or Alaska Nati	e students? Some o eve education, while I don't know	f the others Wilmin Victoria provide educational services and sustudents? Some of the sources are a Alaska Native education, while oth each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Grant e. Title VII, Discretionary Grant under Indian Education f. Individuals with Disabilities Education Act (IDEA) funds g. Impact Aid Program h. Johnson-O'Malley Grant i. Alaska Native Education	upport for Americ designated specific ers are intended for Yes	an Indian or Alasli an Indian or Alasli anly for American r broader use. Sele	as Native n Indian or n Indian or cert one circle in I don't know.	VH241663 VH241665 VH241665 VH241667 VH241667 VH241667 VH241667	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was adapted to "Select one answer	
8. For this school year, has funding frequestional services and support frou sources are designated specifically are intended for broader use. Fill in a Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Crant under Indian Education c. Title VII, Discretionary Grant under Indian Education f. Individuals with Disabilities Education Act (IDEA) funds g. Impact Aid Program h. Johnson-O'Malley Grant	or American Indian for American Indian one oval on each late of the form of th	a or Alaska Nativan or Alaska Nativan or Alaska Nati	e students? Some o eve education, while I don't know	f the others VC190550 VC190551 VC190552 VC190553 VC190554 VC190557	provide educational services and sustudents? Some of the sources are: Alaska Native education, while oth each row. a. Title I funds (Compensatory Education) b. Title II funds (Professional Improvement) c. Title III or other bilingual or ESL/ELL funds d. Title VII, Indian Education Formula Grant e. Title VII, Discretionary Grant under Indian Education f. Individuals with Disabilities Education Act (IDEA) funds g. Impact Aid Program h. Johnson-O'Malley Grant	upport for Americ designated specific ers are intended for Yes	an Indian or Alasli an Indian or Alasli and From the Control of the Control and the Control of t	as Native n Indian or n Indian or cert one circle in I don't know.	VH241663 VH241665 VH241665 VH241667 VH241674 VH241674 VH241679	NC	the comma was removed free response text box. The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was adapted to "Select one answer choice on

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item						2019 item						D/A/ R/NC+	Rationale
9. Are families of your stue each line.	lents involved v	with your school	in the followin	g ways? Fill in (one oval on	 Are families of your student one circle in each row. 	s involved with	your school in t	he following w	rays? Select	VH241675	NC	The in-line direction w
								Yes		No			
		Yes		No		a. Academic club (for example,	math club)	(A)		18	VH241676		adapted fro
Academic club (for examp Arts club	ile, math club)	(3)		Ø	VHI58800	b. Arts club		(4)		®	VH241677		PBA to DBA
c. Cultural dances or activit	ies (for example				San Jane	c. Cultural dances or activities ((for example,	(8)		(D	VH241678		"Fill in one
drum groups)		Ψ.		0	VHISKSYZ	drum groups) d. Drama club		0		(1)	VH241679		
d. Drama club c. Making school curriculum	- American	0		Φ	VH158993.	e. Making school curriculum de	cisions	0		®	VH241679 VH241680		oval on each
f. Open houses or back-to-si		(b)		(b)	OSSSCHEV	f. Open houses or back-to-school		0		®	VH241681		line." was
g. Parent-teacher conference		9		0	VHI58596.	g. Parent-teacher conferences	9	(A)		®	VH241682		
h. Parent-teacher organizatio	ons	Ø		Φ	WHITSSAFF	h. Parent-teacher organizations		®		®	VH241683		adapted to
i. School sports		Φ		0	VHI58598.	i. School sports		(8)		(B)	VH241684		"Select on
j. Volunteer programs		0		0	201/2029	j. Volunteer programs		(4)		(3)	VH241685		
k. Other (please specify):		0		Φ	WH138695	k. Other (please specify):		(4)		•	VH241686		answer
													choice on
)15 Grade 8)					VC962942								each row.'
In a typical school year, how community done the follow				Indian or Alask		 In a typical school year, hor Alaska Native community 	w many times h done the follow	as a member of tring? Select one of	he American In circle in each re	ndian or ow.	VH241687	NC	The in-line
			3 or more	1.0			Never	1–2 times	3 or more times	I don't know.			direction v adapted fr
	Never	1-2 times	times	I don't knov	V.	a. Visited the school to			33333				PBA to DB
Visited the school to discuss education issues						discuss education issues with students and staff,				100	1		
with students and staff,	®	(8)	0	Φ	VC962943	other than a conference	(A)	(1)	0	0	VH241688		"Fill in one
other than a conference regarding an individual	177	200				regarding an individual student							oval on ea
student						b. Visited the school to share							
Visited the school to share American Indian or Alaska						American Indian or Alaska Native traditions and	0		0	•	VH241690		line." was
Native traditions and	(4)	(1)	0	0	VC962944	culture with students and	ω.	•	0	Ψ	V11241090		adapted to
culture with students and						staff							•
Participated in Indian	®	•	0	0	VC962946	c. Participated in Indian Education Parent Groups	0	•	0	•	VH241689		"Select on
Education Parent Groups	9		•										answer
)15 Grade 8)													choice on
TO Grade of													each row.
		A		. 7	VIRI54026	11. Are the following courses an	nd programs ch	ut American In-	lian or Alaska	Native	VH241691	NC	The in-line
1. Are the following courses		bout American I	ndian or Alask	a Native traditi	ons and	traditions and culture offered						140	
culture offered at your sch	iool each year?					7.00	Mark 1997		441.0				direction v
		Yes	- 1	No	1			Yes		No			adapted fr
Year-long course		Ø.		Φ	VH(51/27	a. Year-long course	ξ.	⊗		(D)	VH241692		
Semester-long course		0	_	Φ	VH134928	b. Semester-long course		(4)		(1)	VH241693		PBA to DB
Workshop or unit		0		00	VH134933	c. Workshop or unit		0		•	VH241694		"Fill in one
Clubs		@		Ф	VH121630	d. Clubs	otudy mount	(8)		(1)	VH241695		
Other programs (for example		0		0	VH158929	e. Other programs (for example, before or after regular class pe	riods)	(4)		•	VH241696		oval on ea
before or after regular class	periods)												line." was
													adapted to
													-
015 Grade 8)													"Select on

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item							2019 item							D/A/ R/NC+	Rationale
															choice on each row."
12. Are the following cour culture required or elec						vosssa s and	12. Are the following cour traditions and culture r in each row.	rses or program	ms about Am ective for stud	erican Indian o ents at your sch	r Alaska Nat 100l? Select 0	tive one circle	VH241697	NC	The in-line
		Required	Elect	ive N	Not offered				Required	Electi	ive	Not offered	1-1-		adapted fro
. Year-long course		Ø	(3)		0	VC262964	a. Year-long course		Ø	(1)		0	VH241698		PBA to DBA
. Semester-long course		(B)	Ф		0	VC362966	b. Semester-long course		®	•		0	VH241700		
. Workshop or unit		0	(0)		0	A.C/8/2001	c. Workshop or unit		@	(8)		0	VH241699		"Fill in one
															oval on eacl
															line." was
															adapted to
															"Select one
															answer
															choice on
015 Grade 8)															
015 01446 07						VENNORE							VH241701		each row."
						AT 380 AMII	12 De students in sesse	school receiv	e instruction	about American	Indian or Al	- alea	111241701	NIC.	
1 Do etudente in vour est	and receive in	vermination abo	nt American	Indian or Ala	elea Nativa e	nleneas						laska		NC	The in-line
 Do students in your scl in any of the following 				Indian or Ala	ska Native c	cultures	Native cultures in a					laska		NC	
			ich line.			cultures	Native cultures in a			elect one circle Yes		No		NC	direction wa
in any of the following			Yes		No		Native cultures in a			Yes		No ®	VH241702	NC	direction was
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⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

revious item							2019 item							D/A/ R/NC+	Rationale
2015 Grade 8)															"Select one answer choice on each row."
15. How much influence do curriculum? Fill in one			tandards have	e on your sch	ool's mathema	vc963023	15. How much influence of mathematics curricult				e on your scho	ool's	VH241714	NC	The in-line direction wa
	No influence	A little	Some influence	A lot of influence	Unaware o	f		No influence	A little influence	Some influence	A lot of influence	Unaware of standards			adapted from
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standards District content	Ø	(B)	0	Φ	(D)	W2062026	b. District content standards	0	(8)	0	0	©	VH241718		"Fill in one
standards Standards developed by national professional	8	(1)	0	0	•	VC963027	c. Standards developed by national professional organizations	@	3	0	Φ	•	VH241717		oval on eac
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organizations . American Indian or Alaska Native content or cultural standards	۵	(1)	0	0	Œ	VC963028	d. American Indian or Alaska Native content or cultural standards	®	•	0	Φ	•	VH241716		adapted to "Select one answer
American Indian or Alaska Native content or cultural standards						VH13866	d. American Indian or Alaska Native content or cultural standards	he students ir	n your school	, to what exten			VH241716	NC	"Select one
. American Indian or Alaska Native content or cultural standards	tudents in yo					VH13866	d. American Indian or Alaska Native content or cultural standards	he students in 13 Select one o	n your school circle in each	, to what exten	t is each of the			NC	"Select one answer choice on each row."
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American Indian or Alaska Native content or cultural standards 2015 Grade 8) 16. Considering all of the standards or cach in one oval on each a. Student absentecism b. Student tardiness c. Student health problems d. Teen pregnancies c. Drug or alcohol use by	Not at	ur school, to	what extent i	Moderate extent	tollowing a pro	VIIIMA	d. American Indian or Alaska Native content or cultural standards 16. Considering all of the following a problem a. Student absenteeism b. Student tardiness c. Student health probled d. Teen pregnancies e. Drug or alcohol use be students	he students in Select one of No	a your school circle in each of at all S	to what extendrow.	Moderate extent © © © ©	Large extent	VH241710 VH241720 VH241721 VH241721 VH241722 VH241723 VH241724	NC	"Select one answer choice on each row." The in-line direction w adapted from PBA to DBA "Fill in one oval on each line." was
American Indian or Alaska Native content or cultural standards 2015 Grade 8) 16. Considering all of the sirill in one oval on each student tardiness a. Student absenteeism b. Student health problems d. Teen pregnancies c. Drug or alcohol use by students students Students Students	Not at	ur school, to	what extent i	Moderate extent	Large extent	VIII9666 oblem? VIII8667 VIII8667 VIII 5660	d. American Indian or Alaska Native content or cultural standards 16. Considering all of the following a problem a. Student absenteeism b. Student tardiness c. Student health probled d. Teen pregnancies e. Drug or alcohol use be students f. Student misbehavior class g. Physical conflicts ame students	he students in Select one of No	n your school circle in each of at all S	to what extend row.	Moderate extent © © ©	Large extent	VID41719 VID41720 VID41721 VID41721 VID41722 VID41723 VID41723 VID41724	NC	"Select one answer choice on each row." The in-line direction w adapted from PBA to DBA "Fill in one oval on each line." was adapted to
American Indian or Alaska Native content or cultural standards 2015 Grade 8) 16. Considering all of the standards a. Student absentecism b. Student tardiness c. Student health problems d. Teen pregnancies c. Drug or alcohol use by students f. Student misbehavior in class g. Physical conflicts among	Not at	ur school, to	what extent i	Moderate extent	following a pro	унімов oblem? чнімог управог управог управог	d. American Indian or Alaska Native content or cultural standards 16. Considering all of the following a problem a. Student absenteeism b. Student tardiness c. Student tardiness c. Student health probled d. Teen pregnancies e. Drug or alcohol use be students f. Student misbehavior class g. Physical conflicts ame students h. Bullying	he students in 12 Select one of No	a your school circle in each or at all S	to what extent row.	Moderate extent © © © © ©	Large extent	VH241710 VH241720 VH241721 VH241721 VH241722 VH241723 VH241724	NC	"Select one answer choice on each row." The in-line direction w adapted from PBA to DBA "Fill in one oval on each line." was adapted to "Select one
American Indian or Alaska Native content or cultural standards 2015 Grade 8) 16. Considering all of the standards a. Student absentecism b. Student tardiness c. Student tardiness d. Teen pregnancies c. Drug or alcohol use by students f. Student misbehavior in class g. Physical conflicts among students h. Bullying i. Low student aspirations	Not at	ar school, to	what extent is	Moderate extent	Large extent	унімов oblem? чнімог управог управог управог	d. American Indian or Alaska Native content or cultural standards 16. Considering all of the following a problem a. Student absenteeism b. Student tardiness c. Student health probled d. Teen pregnancies e. Drug or alcohol use be students f. Student misbehavior class g. Physical conflicts ame students	he students in Police one of No	n your school circle in each of at all S	to what extend row.	Moderate extent © © ©	Large extent	VH241739 VH241720 VH241721 VH241721 VH241723 VH241724 VH241724 VH241724 VH241724	NC	"Select one answer choice on each row." The in-line direction w adapted from PBA to DBA "Fill in one oval on each line." was adapted to
American Indian or Alaska Native content or cultural standards 2015 Grade 8) 16. Considering all of the standards 16. Considering all of the standards a. Student absenteeism b. Student tardiness c. Student health problems d. Teen pregnancies c. Drug or alcohol use by students f. Student misbehavior in class g. Physical conflicts among students b. Bullying	Not at	all Smal	what extent i	Moderate extent	Large extent	VIII3666 VIII36667 VIII36667 VIII36667 VIII366611 VIII366611 VIII36612	d. American Indian or Alaska Native content or cultural standards 16. Considering all of the following a problem a. Student absenteeism b. Student tardiness c. Student health probled. Teen pregnancies e. Drug or alcohol use be students f. Student misbehavior class g. Physical conflicts ame students h. Bullying i. Low student aspiration	he students in a Select one of	n your school circle in each of at all S	to what extent row.	Moderate extent © © © © © ©	Large extent	VH241730 VH241720 VH241721 VH241722 VH241723 VH241724 VH241724 VH241724 VH241724 VH241724	NC	"Select one answer choice on each row." The in-line direction w adapted from PBA to DBA "Fill in one oval on each line." was adapted to "Select one

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous item						2019 item						D/A/ R/NC+	Rationale
17. Which of the following typ basis? Fill in one oval on ea		d family services	are offered at yo	our school on a	regular	17. Which of the following type school on a regular basis? So	s of student and lect one circle in	family services an each row.	are offered at you	ur	VH241732	NC	The in-line
basis: Thi in one ovar on c	acti filic.							Offered	No	t offered			direction wa
		Offered	No	ot Offered		a. Health services for students s	uch as a	0		(II)	VH241733		adapted froi
 Health services for students school nurse 	such as a	•		•	VC963042	school nurse b. Health services for families so	ich as a						PBA to DBA:
b. Health services for families	such as a	@		(b)	VC963043	community clinic		0		1	VH241734		"Fill in one
c. Social or counseling services	s for students	0		®	VC963045	c. Social or counseling services d. Social or counseling services		®		(1)	VH241735 VH241739		
d. Social or counseling services	121111111111111111111111111111111111111	8		0	VC963047	e. Adult education programs for		®	-	0	VH241739 VH241737		oval on eacl
e. Adult education programs fo		0		®	VC963048	f. Tutoring services for students		®		10	VH241738		line." was
 f. Tutoring services for student g. Career counseling services for 		Ø		® ®	VH017944 VH017945	g. Career counseling services for	students	®	- 4	•	VH241736		adapted to
2015 Grade 81													answer choice on each row."
2015 Grade 8) 18. In a typical school year, ho for communication between					vc%3049 nities	18. In a typical school year, h opportunities for commu each row.	ow often does yo nication between	our school provid n school and fan	e each of the foll uilies? Select one	lowing e circle in	VH24(74)	NC	choice on
18. In a typical school year, ho						opportunities for commu	ow often does yo nication between A few times a year	n school and fan	e each of the foll pilies? Select one Once or twice a week	lowing e circle in Every day or almost every day	VH241749	NC	choice on each row." The in-line direction wa adapted from
18. In a typical school year, ho for communication between a. Teacher/family conferences (individual or group)	A few times a	milies? Fill in on Once or twice	e oval on each li	ne. Every day or almost every		a. Teacher/family conferences	A few times a	n school and fam	Once or twice	Every day or almost every	VH241740 VH241741	NC	choice on each row." The in-line direction wa
18. In a typical school year, ho for communication between the school of the school o	A few times a	Once or twice a month	Once or twice a week	Every day or almost every day		a. Teacher/family conference (individual or group) b. Information (for example, expectations, procedures, calendars) sent home about school	A few times a	Once or twice	Once or twice a week	Every day or almost every day		NC	choice on each row." The in-line direction wa adapted from PBA to DBA: "Fill in one oval on each
a. Teacher/family conferences (individual or group) b. Information (for example, expectations, procedures, calendars) sent home about	A few times a year	Once or twice a month	oval on each li Once or twice a week	Every day or almost every day	vc963053	a. Teacher/family conference (individual or group) b. Information (for example, expectations, procedures, calendars) sent home about	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	VH241741	NC	choice on each row." The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was adapted to
a. Teacher/family conferences (individual or group) b. Information (for example, expectations, procedures, calendars) sent home about school c. Written reports (for example, report cards) of child's performance sent	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	VC963053	a. Teacher/family conference (individual or group) b. Information (for example, expectations, procedures, calendars) sent home about school c. Written reports (for example, report cards) of child's performance sent home d. Events at school in which families are invited to participate	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	VH241741. VH241742	NC	choice on each row." The in-line direction wa adapted from PBA to DBA: "Fill in one oval on each line." was
18. In a typical school year, ho for communication between the force of the force o	A few times a year	Once or twice a month	o oval on each li Once or twice a week	Every day or almost every day	VC963053 VC963054 VC963055	a. Teacher/family conference (individual or group) b. Information (for example, expectations, procedures, calendars) sent home about school c. Written reports (for example, report cards) of child's performance sent home d. Events at school in which families are invited to participate e. Opportunities to participate in formulation of school policies and improvement plans	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	VH241741. VH241742. VH241743	NC	choice on each row." The in-line direction was adapted from PBA to DBA: "Fill in one oval on each line." was adapted to "Select one
18. In a typical school year, ho for communication between the communication between the communication between the communication between the communication (for example, expectations, procedures, calendars) sent home about school: Written reports (for example, report cards) of child's performance sent home I. Events at school in which families are invited to participate to participate in formulation of school policies and improvement plans Opportunities to share American Indian or Alaska Native histories and traditions as part of the	A few times a year	Once or twice a month	e oval on each li Once or twice a week	Every day or almost every day	VC968653 VC968654 VC968655 VC968656	a. Teacher/family conference: (individual or group) b. Information (for example, expectations, procedures, calendars) sent home about school c. Written reports (for example, report cards) of child's performance sent home d. Events at school in which families are invited to participate e. Opportunities to participate in formulation of school policies and	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	VH241741 VH241742 VH241743 VH241748	NC	choice on each row." The in-line direction was adapted fro PBA to DBA: "Fill in one oval on each line." was adapted to "Select one answer choice on
18. In a typical school year, ho for communication between the communication between the communication between the communication between the communication between the communication (for example, expectations, procedures, calendars) sent home about school written reports (for example, report cards) of child's performance sent home. I. Events at school in which families are invited to participate to participate to participate of communication of school policies and improvement plans. Opportunities to share American Indian or Alaska Native histories and last and the communication of school policies and improvement plans.	A few times a year	Once or twice a month	e oval on each li Once or twice a week	Every day or almost every day	VCM60553 VCM60554 VCM60556 VCM60557	a. Teacher/family conference: (individual or group) b. Information (for example, expectations, procedures, calendars) sent home about school c. Written reports (for example, report cards) of child's performance sent home d. Events at school in which families are invited to participate c. Opportunities to participate in formulation of school policies and improvement plans f. Opportunities to share American Indian or Alaska Native histories and traditions as part of the	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	V1041741 V1041742 V1041740 V1041748 V1041748	NC	choice on each row." The in-line direction was adapted fro PBA to DBA "Fill in one oval on each line." was adapted to "Select one answer choice on

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Previous it	em									2019 item										D/A/ R/NC+	Rationale
19. What percenta school year? © 0-2% © 3-5% © 6-10% © 11-20% © 21-30% © 31-40% © 41-50% More than		r grade 8 s	tudents d	ropped ou	t of school	l during tl	ne last		VH158626	19. What percentage schoolyear? ② 0-2% ③ 3-5% ③ 6-10% ④ 11-20% ④ 21-30% ④ 31-40% ④ 41-50% Φ More than 56		grade 8 st	udents dr	opped out	t of school	during the	he last		VH240184	NC	N/A
2015 Grad 20. Please indicat following stat	e what pe				your scho	ool is desc	ribed by e	each of th	VC963064 e	20. Please indicat each of the fol	e what po llowing st	rcentage catements	of the ind : Select or	ividuals a ne circle in	t your scho n each row	ool is desc	cribed by	Land	VH241749	NC	The in-line direction wa
a. Teachers at	0%	1-5%	6–10%	11-25%	26–50%	51-75%	76–100%	I don't know.		a. Teachers at	0%	1-5%	6–10%	11-25%	26-50%	51-75%	76–100%	I don't know.			adapted fro
this school for 3 or more years	0	®	0	Θ	Ф	Φ	0	⊕	VC963065	this school for 3 or more years	®	(1)	0	0	•	Ð	0	•	VH241750		"Fill in one
b. American Indian or Alaska Native teachers at this school	0	®	0	0	Φ	Θ	0	•	VC963073	b. American Indian or Alaska Native teachers at this school	®	₿	0	0	0	θ	@	•	VH241752		oval on each
c. American Indian or Alaska Native staff other than teachers	0	(8)	0	Φ	•	•	0	•	VC963074	c. American Indian or Alaska Native staff other than teachers	0	(B)	0	0	Θ	Θ	0	•	VHZ41751		adapted to "Select one answer
2015 Grad	e 8)																				choice on each row."
21. To what exten students for hi Not at all Small exten Moderate c Large exter	gh school nt xtent		ighth-grac	le curricul	a emphas	ize prepar	ing		VH170538	21. To what extent students for hig Not at all Small extens Moderate ex Large extent	h school? t	chool's ei	ghth-grad	e curricul	a emphasi:	ze prepari	ing		VH240185	NC	N/A

⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3ar: Operational Grade 8 NIES

1.	What is your professional position (title) at this school?	
		VH253882
2.	Counting this year, how many years has the current principal or head of school held his the receition at this school? If less than I want total onter "01."	
	held his/her position at this school? If less than 1 year total, enter "01." Years	
	Teats	
2	William of the Caller than the control of the Caller of th	VH240180
3.	Which of the following describes your school best? Please select one circle only. Regular public school	
	Charter public school	
	© Bureau of Indian Education contracted or grant school	
	Bureau of Indian Education operated school	
	© Other nonpublic school	

		VH240181
4.	Is your school a boarding school?	
	① Yes	
	® No	
		VH240182
5.	Is your school located on a reservation/on tribal land?	
	Yes	
	® No	
		VH240183
6.	Is your school an American Indian or Alaska Native language immersion school?	
	Yes	
	® No	
		VH253888
7.	How many American Indian and/or Alaska Native students are enrolled at your school? (Include both enrolled tribal members and descendants in your calculations.)	

Students

8. For this school year, has funding from any of the following sources been used to provide educational services and support for American Indian or Alaska Native students? Some of the sources are designated specifically for American Indian or Alaska Native education, while others are intended for broader use. Select **one** circle in each row.

	Yes	No	I don't know.	
a. Title I funds (Compensatory Education)	(A)	®	0	VH241663
b. Title II funds (Professional Improvement)	(8)	®	0	VH241664
c. Title III or other bilingual or ESL/ ELL funds	(8)	®	0	VH241665
d. Title VII, Indian Education Formula Grant	(8)	®	0	VH241666
e. Title VII, Discretionary Grant under Indian Education	(8)	®	0	VH241667
f. Individuals with Disabilities Education Act (IDEA) funds	(A)	®	0	VH241674
g. Impact Aid Program	(A)	®	O	VH241669
h. Johnson-O'Malley Grant	(A)	®	0	VH241670
i. Alaska Native Education Programs	(A)	®	0	VH241671
j. Tribal or Village funds	(A)	®	0	VH241672
k. Other funding sources related to American Indian or Alaska Native education (e.g., grants, donations, tuition, etc.)	(A)	®	0	VH241673

9. Are families of your students involved with your school in the following ways? Select **one** circle in each row.

	Yes	No	
a. Academic club (for example, math club)	(A)	B	VH241676
b. Arts club	A	B	VH241677
c. Cultural dances or activities (for example, drum groups)	(A)	®	VH241678
d. Drama club	(A)	®	VH241679
e. Making school curriculum decisions	A	B	VH241680
f. Open houses or back-to-school nights	(A)	®	VH241681
g. Parent-teacher conferences	A	B	VH241682
h. Parent-teacher organizations	A	B	VH241683
i. School sports	(A)	®	VH241684
j. Volunteer programs	A	B	VH241685
k. Other (please specify):	(A)	®	VH241686

VH241687

10. In a typical school year, how many times has a member of the American Indian or Alaska Native community done the following? Select **one** circle in each row.

		Never	1–2 times	3 or more times	I don't know.	
a. Visited the sch discuss educat with students other than a co regarding an in student	tion issues and staff, onference	(4)	®	0	0	VH241688
b. Visited the sch American Indi Native tradition culture with s staff	an or Alaska ons and	(9)	(8)	0	0	VH241690
c. Participated in Education Par		A	B	0	0	VH241689

11. Are the following courses and programs about American Indian or Alaska Native traditions and culture offered at your school each year? Select **one** circle in each row.

	Yes	No	
a. Year-long course	(A)	®	VH241692
b. Semester-long course	A	®	VH241693
c. Workshop or unit	(A)	®	VH241694
d. Clubs	A	®	VH241695
e. Other programs (for example, study groups before or after regular class periods)	(A)	®	VH241696

VH241697

12. Are the following courses or programs about American Indian or Alaska Native traditions and culture required or elective for students at your school? Select **one** circle in each row.

	Required	Elective	Not offered	
a. Year-long course	(A)	®	0	VH241698
b. Semester-long course	(A)	®	0	VH241700
c. Workshop or unit	(A)	®	©	VH241699

13. Do students in your school receive instruction about American Indian or Alaska Native cultures in any of the following areas? Select **one** circle in each row.

	Yes	No	
a. Oral language	A	®	VH241702
b. Written language	A	®	VH241703
c. History of tribes or cultural groups	(A)	®	VH241704
d. Traditions and customs	A	®	VH241708
e. Arts, crafts, music, or dance	(A)	®	VH241706
f. Tribal or village government	(A)	®	VH241707
g. Current events and issues important to tribes or cultural groups	(4)	®	VH241705

VH241709

14. How much influence does each of the following standards have on your school's **reading/language arts** curriculum? Select **one** circle in each row.

		No influence	A little influence	Some influence	A lot of influence	Unaware of standards	
1	nte content Indards	(A)	B	O	0	Œ	VH241710
1	strict content indards	(A)	B	0	0	Œ	VH241713
by :	andards developed national ofessional ganizations	(9)	®	0	Φ	©.	VH241712
Ala	nerican Indian or aska Native content cultural standards	(A)	®	0	0	Œ	VH241711

15. How much influence does each of the following standards have on your school's **mathematics** curriculum? Select **one** circle in each row.

		No influence	A little influence	Some influence	A lot of influence	Unaware of standards	
a.	State content standards	(A)	B	0	0	Œ	VH241715
b.	District content standards	(A)	B	0	0	Œ	VH241718
c.	Standards developed by national professional organizations	®	®	0	0	©.	VH241717
d.	American Indian or Alaska Native content or cultural standards	(A)	®	0	0	Œ	VH241716

16. Considering all of the students in your school, to what extent is each of the following a problem? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Student absenteeism	A	®	0	0	VH241720
b. Student tardiness	A	®	0	0	VH241721
c. Student health problems	A	®	0	0	VH241722
d. Teen pregnancies	A	®	0	0	VH241730
e. Drug or alcohol use by students	(A)	®	0	0	VH241723
f. Student misbehavior in class	(A)	®	0	0	VH241724
g. Physical conflicts among students	(A)	®	0	0	VH241731
h. Bullying	A	®	0	0	VH241726
i. Low student aspirations	A	®	0	0	VH241727
j. Low teacher expectations	A	®	0	0	VH241728
k. Low family involvement	A	®	0	0	VH241729
Inadequate transportation for students	(A)	®	0	0	VH241725

17. Which of the following types of student and family services are offered at your school on a regular basis? Select **one** circle in each row.

	Offered	Not offered	
a. Health services for students such as a school nurse	(9)	®	VH241733
b. Health services for families such as a community clinic	(4)	®	VH241734
c. Social or counseling services for students	(A)	®	VH241735
d. Social or counseling services for families	(A)	®	VH241739
e. Adult education programs for all ages	(A)	®	VH241737
f. Tutoring services for students	(A)	®	VH241738
g. Career counseling services for students	(A)	₿	VH241736

18. In a typical school year, how often does your school provide each of the following opportunities for communication between school and families? Select **one** circle in each row.

		A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	
a.	Teacher/family conferences (individual or group)	(A)	®	0	0	VH241741
b.	Information (for example, expectations, procedures, calendars) sent home about school	(9)	®	0	0	VH241742
c.	Written reports (for example, report cards) of child's performance sent home	(4)	®	0	0	VH241743
d.	Events at school in which families are invited to participate	(A)	®	0	0	VH241748
e.	Opportunities to participate in formulation of school policies and improvement plans	(4)	®	0	0	VH241745
f.	Opportunities to share American Indian or Alaska Native histories and traditions as part of the instructional program	(4)	®	0	0	VH241746
g.	Telephone calls with parents	(A)	®	0	0	VH241747
h.	Information provided through websites or e-mail	A	®	0	0	VH241744

- **19.** What percentage of your grade 8 students dropped out of school during the last schoolyear?
 - ♠ 0-2%
 - ® 3-5%
 - © 6-10%
 - ① 11-20%
 - © 21-30%
 - © 31-40%
 - © 41–50%
 - ⊕ More than 50%

20. Please indicate what percentage of the individuals at your school is described by each of the following statements: Select **one** circle in each row.

VH241749

	0%	1–5%	6–10%	11–25%	26-50%	51–75%	76–100%	I don't know.	
a. Teachers at this school for 3 or more years	Ø	ß	0	0	Ē	©	6	H	VH241750
b. American Indian or Alaska Native teachers at this school	(4)	ß	0	Θ	Œ	©	0	⊕	VH241752
c. American Indian or Alaska Native staff other than teachers	(A)	ß	0	0	Ē	©	6	Ð	VH241751

- **21.** To what extent do your school's eighth-grade curricula emphasize preparing students for high school?
 - Not at all
 - Small extent
 - Moderate extent
 - Large extent

Appendix K-3as: Summary of Changes Operational Grade 4, 8 & 12 Giving Back

Previous item	2019 item	D/A/ R/NC+	Rationale
 Would you like access to an interactive website that shows how others in the nation responded to a similar NAEP questionnaire? Yes No 	1. Would you like to sign up for special access to preliminary information regarding teachers and schools across the nation? Example Question In 2017, 75% of reading teachers used reading-related websites or apps as supplemental resources when teaching English/language arts. Yes, I want access to preliminary information regarding teachers and schools across the nation.	R	The item was revised to accommodate system changes.
(2018 Grade 4, 8, and 12) 2. If yes, please provide your email address so that we may send access to the website.	2. What type of analyses do you want to do based on feedback? a. How other teachers and school administrators across the nation responded to this questionnaire b. How other teachers and school administrators in my state responded to this questionnaire c. What resources for learning and instruction are available to and used by teachers and school administrators d. How instruction for different subjects is organized in classrooms e. The type of training and education received by teachers across the nation f. Technology infrastructure that is available for students, teachers, and school administrators g. Information about enrollment and absenteeism in schools across the nation h. How students across the nation performed on the assessment i. How students in my state performed on the assessment j. Other information not listed above (Please specify):	R	The item wa revised to accommoda e system changes.

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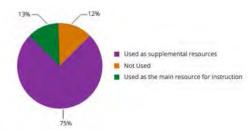
⁺ This column indicates whether the item was dropped (D), added (A), revised (R), or there was no change (NC).

Appendix K-3at: Operational Grade 4, 8 & 12 Giving Back

1. Would you like to sign up for special access to preliminary information regarding teachers and schools across the nation?

Example Question

In 2017, 75% of reading teachers used reading-related websites or apps as supplemental resources when teaching English/language arts.



____ Yes, I want access to preliminary information regarding teachers and schools across the nation.

- 2. What type of analyses do you want to do based on feedback?
 - a. How other teachers and school administrators across the nation responded to this questionnaire
 - b. How other teachers and school administrators in my state responded to this questionnaire
 - c. What resources for learning and instruction are available to and used by teachers and school administrators
 - d. How instruction for different subjects is organized in classrooms
 - e. The type of training and education received by teachers across the nation
 - f. Technology infrastructure that is available for students, teachers, and school administrators
 - g. Information about enrollment and absenteeism in schools across the nation
 - h. How students across the nation performed on the assessment
 - i. How students in my state performed on the assessment
 - j. Other information not listed above (Please specify):