NATIONAL CENTER FOR EDUCATION STATISTICS NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

National Assessment of Educational Progress (NAEP) 2026

Appendix J1 2026 Student Questionnaires

OMB# 1850-0928 v.37



July 2025

Important changes in how we collect demographic information are reflected in the 2026 instruments that are ready for publication and review. In March 2024, the Office of Management and Budget (OMB) announced revisions to Statistical Policy Directive No. 15: Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity (SPD 15) and published the revised SPD15 standard in the Federal Register (89 FR 22182). See Part A.7 of this package to see how NCES plans to incorporate these revisions into NAEP 2026.

Additionally, materials in this Amendment are in compliance with the White House's Executive Orders "Defending Women from Gender Ideology Extremism and Restoring Biological Truth to the Federal Government," (January 20, 2025) and "Ending Radical and Wasteful Government DEI Programs and Preferencing," (January 20, 2025).

Appendix J1 provides the student survey questionnaires that will be administered in 2026. Summary tables reflect any changes to the items from the 2024 administration. Please note, some of the numbers of the items may be missing or out of order in these printed versions. This will be corrected in the platform view.

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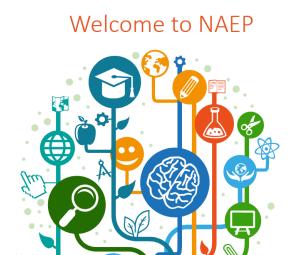
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Student Login Screen

VERSION: 26.0.0-MS1.0.76 🗊 🤿





The National Center for Education Statistics (NCES) conducts the National Assessment of Educational Progress to evaluate federally supported education programs. All of the information you provide may only be used for the purposes of research, statistics, and evaluation under the Education Sciences Reform Act of 2002 (ESRA; 20 U.S.C. § 9543) and may not be disclosed, or used, in identifiable form for any other purpose except as required by law. Every NCES employee as well as every NCES agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of \$250,000, or both if he or she willfully discloses ANY identifiable information about you. Electronic submission of your information will be monitored for viruses, malware, and other threats by Federal employees and contractors in accordance with the Cybersecurity Enhancement Act of 2015.

NCES estimates the time required to complete this information collection to average 90 minutes, including the time to review instructions and complete and review the information collection. This voluntary information collection was reviewed and approved by OMB (Control No. 1850-0928). If you have any comments concerning the accuracy of the time estimate, suggestions for improving this collection, or any comments or concerns regarding the status of your individual submission, please write to: Notional Assessment of Educational Progress (NAEP), National Center for Education Statistics (NCES), Lyndon Baines solvaison Department of Education Building, 400 Maryland Ave., SW, 5th floor, Washington, DC 20202, or send an email to: nces.information.collections@ed.gov.

OMB No. 1850-0928 APPROVAL EXPIRES 2/28/2028

Appendix J1-1: Summary of Changes Operational Grade 4 (Core)

2026 Operational Grade 4 Core Student							
Previous Item	2026 Item	D/ A/R+	Rationale				
		R	The				

7. Do any of the following people live in your hard. a. Mother b. Stepmother c. Foster mother or other female legal guardian d. Father e. Stepfather f. Foster father or other male legal guardian	Yes Description of the control of t	No D D D D D	VIE71144 VIE71145 VIE71146 VIE71146 VIE71146 VIE71149	6. Do any of the following people live in your home? Select one answer choice on each row. a. Mother b. Father c. Stepmother d. Stepfather c. Foster mother or other female legal guardian i. Foster father or other male legal guardian Stepfather Stepfa	Yes	Мо Ф Ф Ф Ф		SubItems in this Item were re- sequence d for clarity.
8. In this school year, how often did you use a la Chromebooks) during your classes at school? Never In some classes In about half of the classes In more than half of the classes In all or almost all classes	ptop or desktop comput	er (including	V2591569	N/A			D	This Item was dropped to make space for new Student Items in the 2026 NAEP Assessme nt.
N/A				8. Last school year, did you attend the same school as © Yes © No Issue: School Climate	this school year?	VESM6B	A	This Item was added to gather informatio n on student mobility.
(2024)								·

2026 Operational Grade 4 Core Student								
Previous Item	2026 Item	D/ A/R+	Rationale					
		D	Learning					
			Recovery					
	N/A		Items					
			were					
			dropped					
			from the					

Thinking about this so one answer choice on a	hool year, do	you think you	u can do each	of the following	ng? Select	VR740536			202
I.	I definitely	I probably can't	Maybe	I probably	I definitely				NAI
a. Learn what you need to learn in your	can't				can	VR740537			Ass
English/language arts class b. Know how to get the	•	(D)	0	0	•	VR/40537			nt.
help you need for your English/language arts class	®	◎	Ø	Φ	Ф	VR740538			
2024)									
								D	Le
									Re
10. Did you receive any tut	oring in Engl	ish/language a	rts this schoo	l year?		VR740551	N/A		Ite
YcsNo									
									We
									dr
									fro
2024)									20
									N.
									A:
									nt
								D	Le
									R
To what extent did you understand what you v	ır English/lar vere learning	nguage arts tut	tor make it ea	sier for you to		VR740552	N/A		It
Not at all A little bit									w
© Somewhat									d
Quite a bitA lot									fr
									2
									N
2024)									
,2024)									A:
									_''
								D	Le
						VR740555			R
12. How easy was it for yo tutoring sessions?	u to understa	and the materi	al in your Eng	glish/language	arts	- 2.74033	N/A		It
 Not at all easy A little easy 									w
© Somewhat easy									dı
Very easyExtremely easy									fr
									20
									N
2024)									As
,									nt
									''

Previous Item	2026 Item	D/ A/R+	Rationale
9. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row. I definitely I probably Maybe I probably I definitely Can't Ca	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessme nt.
10. Did you receive any tutoring in mathematics this school year? ② Yes ③ No (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessme nt.
11. To what extent did your mathematics tutor make it easier for you to understand what you were learning? Not at all A little bit Somewhat Quite a bit A lot (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessme nt.
12. How easy was it for you to understand the material in your mathematics tutoring sessions? ① Not at all easy ① A little easy ② Somewhat easy ① Very easy ① Extremely easy ① Extremely easy	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessme

	nt.

Previous Item						2	2026 Item						Rationale
14. How much does each of the this year? Select one answ			the teachers at y	our school	VR730780		How much does each of the I this year? Select one answer choice on		lescribe the teachers a	t your school	89626	R	SubItems a. and f. were
	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school				Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school		revised f
Teachers care about the students. Students feel comfortable talking with their	® ®	(B)	0	0	VR730781 VR730782		a. Teachers care about students. VESSAGEZ D. Students feel comfortable talking with their teachers.	0	Φ	0	0		clarity ar
teachers. c. Teachers expect students to do well.	®	⊕	0	Φ	VR730783		c. Teachers expect students to do well. V2386631 d. Teachers are available when students	0	Φ	0	0		у.
d. Teachers are available when students need them. c. Teachers try to understand	@	0	0	0	VR730784 VR730785		need them. 172,546603 e. Teachers try to understand students' problems.	0	Φ	0	•		
students' problems. f. Teachers notice if I need help.	0	(D)	0	0	VR730786		f. Teachers notice if students need help.	•	•	0	Φ		
g. Teachers treat all students respectfully.	®	ூ	0	0	VR730787		g. Teachers treat all students respectfully.	•	Φ	©	Φ		
2024)							ssue: Learning I	Environr	nent				

Appendix J1-2: Operational Grade 4 (Core)

	VH271105		
		Yes	No
	Select one answer choice on each row.		
5.	Do you have any of the following in your home?		VR190753
0	Enough to fill several bookcases (more than	100)	
0	Enough to fill one bookcase (26–100)		
(B)	Enough to fill one shelf (11–25)		
(4)	Few (0-10)		
4. Abo	out how many books are there in your home?		VH240186
©	White		
(Native Hawaiian or Pacific Islander		
(E)	Middle Eastern or North African		
0	Hispanic or Latino		
0	Black or African American		
®	Asian		
(4)	American Indian or Alaska Native		
Sel	ect one or more answer choices.		
3. Wh	at is your race and/or ethnicity?		
			VR858698

	Yes	No
a. Access to the Internet	0	(1)
b. A desktop or laptop computer (including Chromebooks) that you can use	0	•
c. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	0	•

VH271144

6. Do any of the following people live in your home? Select one answer choice on each row.

	Yes	No
a. Mother	0	®
b. Father	0	®
v _{H271146} c. Stepmother	0	®
d. Stepfather	0	(6)
e. Foster mother or other female legal guardian	0	(6)
f. Foster father or other male legal guardian	•	®

7. H	ow many days were you absent from school in the last month?	VH240190
A	None	
B	1 or 2 days	
C	3 or 4 days	
0	5 to 10 days	
Œ	More than 10 days	

VR586648

8. Last school year, did you attend the same school as this school year?

Yes

® No

VH733149

9. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
a. I like complex problems more than easy problems.	0	®	0	Φ	©
b. I like activities that challenge my thinking abilities.	0	®	0	Θ	Θ
c. I enjoy situations where I will have to think about something.	0	®	0	0	(
d. I enjoy thinking about new solutions to problems.	0	®	0	0	©

VR586626

10. How much does each of the following statements describe the teachers at your school this year?

Select one answer choice on each row.

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school
a. Teachers care about students.	0	®	0	Ф
b. Students feel comfortable talking with their teachers.	0	®	0	Ф
c. Teachers expect students to do well.	0	(B)	0	Φ
d. Teachers are available when students need them.	0	(8)	0	Φ
e. Teachers try to understand students' problems.	0	®	0	Θ
f. Teachers notice if students need help.	8	®	0	Ф
g. Teachers treat all students respectfully.	0	(6)	0	Ф

Appendix J1-3: Summary of Changes Operational Grade 8 (Core)

2026 Operational Grade 8 Core Student				
Previous Item	2026 Item	D/ A/R+	Rationale	
3. Are you Hispanic or Latino? Select one or more answer choices. © No, I am not Hispanic or Latino. © Yes, I am Mexican, Mexican American, or Chicano. © Yes, I am Puerto Rican or Puerto Rican American. © Yes, I am Cuban or Cuban American. © Yes, I am from some other Hispanic or Latino background.	N/A	D	This Item was dropped and replaced with an updated Item (VR858698) that adheres to OMB updated Statistical Policy Directive No. 15.	

			R	VH240387
				and this
4. Which of the following best describes you? Select one or more answer choices.	VH240388	4. What is your race and/or ethnicity?		Item were
White Black or African American		Select one or more answer choices. American Indian or Alaska Native		replaced
© Asian		① Asian		with this
American Indian or Alaska Native Native Hawaiian or other Pacific Islander		© Black or African American		updated
		Hispanic or Latino Middle Eastern or North African		Item that
		Native Hawaiian or Pacific Islander		adheres to
		© White		OMB
				updated
				Statistical
(2024)		Issue: Student Background		
		issue: stadent Background		Policy
				Directive No. 15.
				10. 15.
6. Do you have any of the following in your home? Select one answer choice on each row.	VH271104	6. Do you have any of the following in your home? Select one answer choice on each row.	R	SubItem e.
Yes No		Yes No		was revise
a. Access to the Internet Image: Control of the Internet of the Intern	VH271105 VH336762	a. Access to the Internet William Wil		to provide
c. A desktop or laptop computer (including Chromebooks) that you can use	VHS91976	c. A desktop or laptop computer (including Chromebooks) that		a more
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use c. A smartphone (for example, iPhone,	VH271110	you can use wighth d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that		current
Samsung Galaxy, HTC One) that you can use	VH271112	you can use vs2000 e. A martphone (for example, iPhone, Samsung Galaxy, Coogle Pixel) that you can use Ф		example.
(2024)		Issue: Socioeconomic Status		
Previous Item	pera	ational Grade 8 Core Student 2026 Item	D/	Rationale
Previous item		2026 item	A/R+	капопаіе
10. How far in school did your mother go?	VH240192	8a. Parent or Guardian "A" VISSILES	R	Dated
She did not finish high school. She graduated from high school.		How far in school did your [Parent or Guardian "A"] go?	'`	,
0		Did not finish high school		Parent/
She had some education after high school. She graduated from college.		Did not mish high school Graduated from high school Had some education after high school		
© She had some education after high school.		Graduated from high school Had some education after high school Graduated from college		Guardian
 She had some education after high school. She graduated from college. 		Graduated from high school Had some education after high school		Guardian Education
 She had some education after high school. She graduated from college. I don't know. 		 □ Graduated from high school □ Had some education after high school □ Graduated from college □ I don't know. 		Guardian Education Item was
 She had some education after high school. She graduated from college. I don't know. 		Graduated from high school Had some education after high school Graduated from college		Guardian Education Item was replaced
 She had some education after high school. She graduated from college. I don't know. 		 □ Graduated from high school □ Had some education after high school □ Graduated from college □ I don't know. 		Guardian Education Item was replaced with an
 She had some education after high school. She graduated from college. I don't know. 		 □ Graduated from high school □ Had some education after high school □ Graduated from college □ I don't know. 		Guardian Education Item was replaced with an updated
 She had some education after high school. She graduated from college. I don't know. 		 □ Graduated from high school □ Had some education after high school □ Graduated from college □ I don't know. 		Guardian Education Item was replaced with an
 She had some education after high school. She graduated from college. I don't know. 		 □ Graduated from high school □ Had some education after high school □ Graduated from college □ I don't know. 	R	Guardian Education Item was replaced with an updated
 She had some education after high school. She graduated from college. I don't know. 	Wilmon	© Graduated from high school © Had some education after high school © Graduated from college © I don't know. Issue: Socioeconomic Status	R	Guardian Education Item was replaced with an updated format.
 ♦ She had some education after high school. ♦ She graduated from college. ♦ I don't know. (2024) 11. How far in school did your father go?	VH28093	⊕ Graduated from high school ⊕ Had some education after high school ⊕ Graduated from college ⊕ I don't know. Issue: Socioeconomic Status	R	Guardian Education Item was replaced with an updated format. Dated Parent/
 ♦ She had some education after high school. ♦ She graduated from college. ↓ I don't know. 11. How far in school did your father go? ♦ He did not finish high school. ♦ He graduat@d from high school. 	VIII.80193	⊕ Graduated from high school ⊕ Had some education after high school ⊕ Graduated from college ⊕ I don't know. Issue: Socioeconomic Status	R	Guardian Education Item was replaced with an updated format. Dated Parent/ Guardian
 ☼ She had some education after high school. ☼ She graduated from college. ☼ I don't know. (2024) 11. How far in school did your father go? ☼ He did not finish high school. ﴿ He gradua@d from high school. ﴿ He had some education after high school. ﴿ He had some education after high school.	VH216993	© Graduated from high school © Had some education after high school © Graduated from college © I don't know. Issue: Socioeconomic Status 9a. Parent or Guardian"B" How far in school did your [Parent or Guardian"B"]go? © Did not finish high school © Graduated from high school	R	Guardian Education Item was replaced with an updated format. Dated Parent/
 She had some education after high school. She graduated from college. I don't know. (2024) 11. How far in school did your father go? He did not finish high school. He gradua@d from high school. 	V12.0093	© Graduated from high school © Had some education after high school © Graduated from college © I don't know. Issue: Socioeconomic Status 9a. Parent or Guardian"B" How far in school did your [Parent or Guardian"B"]go? © Did not finish high school	R	Guardian Education Item was replaced with an updated format. Dated Parent/ Guardian Education Item was
 ♦ She had some education after high school. ♦ She graduated from college. ↓ I don't know. (2024) 11. How far in school did your father go? ♦ He did not finish high school. ♦ He graduased from high school. ⊕ He had some education after high school. ⊕ He graduated from college. 	VIDENIO	● Graduated from high school ● Had some education after high school ● Graduated from college ● I don't know. Issue: Socioeconomic Status 9a. Parent or Guardian"B" How far in school did your [Parent or Guardian"B"]go? ● Did not finish high school ● Graduated from high school ● Had some education after high school	R	Guardian Education Item was replaced with an updated format. Dated Parent/ Guardian Education
 ☼ She had some education after high school. ☼ She graduated from college. ☼ I don't know. 11. How far in school did your father go? ﴿ He did not finish high school. ﴿ He graduat@d from high school. ﴿ He dad some education after high school. ﴿ He graduated from college. 	V12.80103	● Graduated from high school ● Had some education after high school ● Graduated from college ● I don't know. Issue: Socioeconomic Status 9a. Parent or Guardian"B" How far in school did your [Parent or Guardian"B"]go? ● Did not finish high school ● Graduated from high school ● Had some education after high school ● Graduated from college	R	Guardian Education Item was replaced with an updated format. Dated Parent/ Guardian Education Item was

Issue: Socioeconomic Status

(2024)

updated format.

		R	Dated
NE	V86MAS		Parent/
12. Does your mother work? ① Yes ① No ② I don't know.	8b. Does your [Parent or Guardian "A"] work? ② Yes ③ No ③ I don't know.		Guardian Employme nt Item was
(2024)	Issue: Socioeconomic Status		replaced with an updated format.
		R	Dated
YIO	79 VWRII1066		Parent/
13. Does your father work?	9b. Does your [Parent or Guardian "B"]work? © Yes © No © I don't know. Issue: Socioeconomic Status		Guardian Employme nt Item was replaced with an updated format.

2026 Operational Grade 8 Core Student						
Previous Item				2026 Item	D/ A/R+	Rational
14. Do any of the following people live in your h row. a. Mother b. Stepmother c. Foster mother or other female legal guardian d. Father e. Stepfather f. Foster father or other male legal guardian	Yes D D D D D D D D D D D D D D D D D D	No D D D D D	VH271144 VH271145 VH271146 VH271147 VH271148 VH271150	7. The following questions are about your parents or guardians. A "parent or guardian" is someone who raises and takes care of and provides financial resources to support you. If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with. Use the drop-down menus to show your answers. Who is your Parent or Guardian A? Mother Father Stepmother Stepfather Other relative Foster mother or other female guardian Who is your Parent or Guardian B? Mother Father Stepmother Stepmother Stepfather Other relative Foster father or other male guardian Who is your Parent or Guardian B? Mother Father Stepmother Stepfather Other relative Foster father or other female guardian A footer father or other female guardian G foster father or other male guardian A foster father or other male guardian A foster father or other male guardian Foster father or other guardian J don't have a second parent or guardian.	R	VH27144 was dropped and replaced with Item VR935135 as an updated format for collecting information n on parent/ guardian education and employment.
					D	This Item was

15. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?	N/A	dropped to
Never		make space
① In some classes		for new
© In about half of the classes		101 HeW
In more than half of the classes		Student
Ф In all or almost all classes		Items in
		the 2026
		NAEP
(2024)		Assessmen
		t.

Previous Item	2026 Item	D/ Rational		
16. In this school year, how often did you use a tablet (for example, Surface Pro, iPad, Kindle Fire) during your classes at school? ① Never ① In some classes ② In about half of the classes ③ In more than half of the classes ① In all or almost all classes	N/A	D This Item was dropped t make spa for new Student Items in the 2026 NAEP Assessme t.		
17. Are you taking an art course this school year (for example, drawing, painting, or	5000 N/A	D This Item was		
studio art)? ② Yes ③ No	IV/A	dropped to make spate for new Student Items in the 2026 NAEP		
(2024)		Assessme t.		
18. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row.	N/A	D Learning Recovery Items wer		
a. Learn what you need to learn in your Brighsh/language arts class I definitely I probably and I probably I definitely can't Definitely	-	dropped from the 2026 NAE Assessme t.		
help you need for your	335			

		D	Learning
			Recovery
19. Did you receive any tutoring in English/language arts this school year?	N/A		Items were
© Yes © No			dropped
			from the
(2024)			2026 NAEP
			Assessmen
			t.

2026 Operational Grade 8 Core Student					
Previous Item	2026 Item	D/ A/R+	Rationale		
20. To what extent did your English/language arts tutor make it easier for you to understand what you were learning! Not at all A little bit Somewhat Quite a bit Alot (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessmen t.		
21. How easy was it for you to understand the material in your English/language arts tutoring sessions? Description Not at all easy A little easy Somewhat easy Very easy Extremely easy (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessmen t.		
18. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row.	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessmen t.		
	N/A	D	Learning Recovery Items were dropped		

19. Did you receive any tutoring in mathematics this school year?	from the
© Yes © No	2026 NAEP
	Assessmen
	t.
(2024)	

2026 Op	2026 Operational Grade 8 Core Student						
Previous Item	2026 Item	D/ A/R+	Rationale				
20. To what extent did your mathematics tutor make it easier for you to understand what you were learning? ① Not at all ① A little bit ① Somewhat ① Quite a bit ① A lot (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessmen t.				
21. How easy was it for you to understand the material in your mathematics tutoring sessions? ② Not at all easy ③ A little easy ③ Somewhat easy ⑤ Very easy ⑤ Extremely easy	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessmen t.				
N/A	11. Last school year, did you attend the same school as this school year? ① Yes ① No Issue: School Climate	A	This Item was added to gather informatio n on student mobility.				
(2024)							

2026 Operational Grade 8 Core Student				
Previous Item	2026 Item	D/ A/R+	Rationale	
		R	SubItems a. and f. were	

24. How much does each of the following statements describe the teachers at your school this year? Select one answer choice on each row.						16. How much does each of the following statements describe the teachers at your this year? Select one answer choice on each row.		ed for
	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school		Not at all like the teachers at my school Values of the teachers at my school Values of the teachers at my school	e a bit like the Exactly like the	y and istency
Teachers care about the students.	Ø	⊕	0	0	VR730781	a. Teachers care about students. © © D. Students feel comfortable talkine with		
 Students feel comfortable talking with their teachers. 	®	⊕	0	0	VR730782	b. Students feet comfortance tarking with their teachers. Wisseold c. Teachers expect students to do well.	0 0	
c. Teachers expect students to do well.	۵	•	0	0	VR730783	d. Teachers are available when students need them.	©	
d. Teachers are available when students need them. e. Teachers try to understand	Ø	•	0	0	VR730784	e. Teachers try to understand students'	Φ Φ	
students' problems. f. Teachers notice if I need	Ø	(1)	©	0	VR730785	problems. 78.58688 f. Teachers notice if students need help.	Φ Φ	
g. Teachers treat all students respectfully.	Ø Ø	® ®	0	0	VR730786 VR730787	g. Teachers treat all students respectfully.	Φ Φ	
	•	•	•					
(2024)						Issue: Learning Environment		

(2024)

Appendix J1-4: Operational Grade 8 (Core)

VR858698

VH240186

4.	What	is	your	race	and	or	ethnicity?
----	------	----	------	------	-----	----	------------

Select one or more answer choices.

- American Indian or Alaska Native
- Asian
- Black or African American
- Hispanic or Latino
- (I) Middle Eastern or North African
- D Native Hawaiian or Pacific Islander
- © White

5. About how many books are there in your home?

- ® Enough to fill one shelf (11-25)
- © Enough to fill one bookcase (26-100)
- © Enough to fill several bookcases (more than 100)
 - 6. Do you have any of the following in your home? Select one answer choice on each row.

VR190753

	Yes	No
a. Access to the Internet	0	®
v _{H336762} b. Your own bedroom	0	(6)
c. A desktop or laptop computer (including Chromebooks) that you can use	0	(6)
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	0	(6)
e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use	0	(1)

VR953135

7. The following questions are about your parents or guardians.

A "parent or guardian" is someone who raises and takes care of and provides financial resources to support you.

If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

Who is your Parent or Guardian A?

- (A) Mother
- ® Father
- Stepmother
- Stepfather
- Other relative
- D Foster mother or other female guardian
- © Foster father or other male guardian

Who is your Parent or Guardian B?

- (A) Mother
- ® Father
- Stepmother
- Stepfather
- D Other relative
- D Foster mother or other female guardian
- © Foster father or other male guardian
- ⊕ I don't have a second parent or guardian.

8a.	Par	ent or Guardian "A"	VR611426
		w far in school did your [Parent or Guardian"A"] go?	
	(A)	Did not finish high school	
		Graduated from high school	
		Had some education after high school	
		Graduated from college	
		I don't know.	
	0	I don't know.	
	1000		VR611426
86.	Do	es your [Parent or Guardian "A"] work?	
	(1)	Yes	
	(B)	No	
	0	I don't know.	
			VR612366
9a.	Par	rent or Guardian"B"	
	Ho	w far in school did your [Parent or Guardian "B"]go?	
	(8)	Did not finish high school	
	B	Graduated from high school	
	0	Had some education after high school	
	0	Graduated from college	
	(I don't know.	
			VR612366
9b.	Do	es your [Parent or Guardian "B"]work?	
	(A)	Yes	
	®	No	

© I don't know.

10.	Hov	w many days were you absent from school in the last month?	VH240190
	(A)	None	
	®	1 or 2 days	
	0	3 or 4 days	
	0	5 to 10 days	
	(E)	More than 10 days	
11.	Las	t school year, did you attend the same school as this school year?	VR586648
	(A)	Yes	
	®	No	
12.	Hov	w often do you use the Internet for homework at home?	VH354591
	(A)	Never	
	®	About once or twice a month	
	0	About once or twice a week	
	0	Almost every day	
	(E)	Every day	
	How ami	often do you talk about things you have studied in school with someone in your ly?	VH240189
	(A)	Never or hardly ever	

Once every few weeksAbout once a week

© Every day

Two or three times a week

14. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
a. I finish whatever I begin.	®	®	0	0	(Ē)
b. I try very hard even after making mistakes.	0	®	0	Θ	©
c. I keep working hard even when I feel like quitting.	0	©	0	Θ	©
d. I keep trying to improve myself, even when it takes a long time to get there.	0	®	0	Φ	©

VH733149

15. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
a. I like complex problems more than easy problems.	0	®	0	Θ	(E)
b. I like activities that challenge my thinking abilities.	0	•	0	Θ	(
c. I enjoy situations where I will have to think about something.	0	®	0	Θ	⊕
d. I enjoy thinking about new solutions to problems.	0	®	0	Θ	©

VR586626

16. How much does each of the following statements describe the teachers at your school this year?

Select one answer choice on each row.

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school
a. Teachers care about students.	0	®	0	0
b. Students feel comfortable talking with their teachers.	0	®	0	0
c. Teachers expect students to do well.	8	®	0	0
d. Teachers are available when students need them.	0	(6)	0	©
e. Teachers try to understand students' problems.	0	®	0	0
f. Teachers notice if students need help.	(4)	®	0	Φ
g. Teachers treat all students respectfully.	0	(8)	0	Θ

Appendix J1-5: Summary of Changes Operational Grade 4 (Mathematics)

2026 Operation	nal Grade 4 Mathematics Student		
Previous Item	2026 Item	D/ A/R+	Rationale
15. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved math? ① Never ① Once ② Two or three times ③ Four or five times ② More than five times	N/A	D	This item was dropped in favor of a new item.
(2024)			
N/A (2024)	11. In your math class this year, how often have you explained in your own words your solution to a math problem? O Never In some of the lessons In more than half of the lessons In all or almost all of the lessons Shall or almost all of the lessons Shall or almost all of the lessons	A	This item was developed to measure content aligned with the new Mathemati cs framework.
19. How often do you participate in each of the following activities outside of school? Select one answer choice on each row. Never	N/A	D	This item was dropped to reduce questionnai re length.

2026 Operational Grade 4 Mathematics Student							
Previous Item	2026 Item	D/ Rat A/R+	tionale				
N/A		cap the imp	s item tures oortant ect of				

(2024)	15. How often do you receive help or tutoring for math outside of school, before school, or after school? O Never About once or twice a year About once or twice a week Every day or almost every day	167	help or tutoring received by students.
20. How often do you play digital games (for example, apps, video games, or computer games) outside of school that involve math? ① Never ① About once or twice a year ② About once or twice a week ① Every day or almost every day	N/A	D	This item was dropped to reduce questionnai re length.
N/A	16. Outside of school, how often did you do each of these activities in the last month? Select one answer choice on each row. Never Once Two or three times Four or more time 10. Determine if you have to stop at a given time Determine if you have consult mures Determine if you have consult have consult mures Determine if you have consu	A	This item was developed to measure content aligned with the new Mathemati cs framework.
(2024)	Issue: Mathematical Content and Practices		Tramework.

Previous Item					2026 Item						D/ A/R+	Rational		
21. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select one answer choice on each row. 17. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select one answer choice on each row.										R	Subitem a was revise for clarity.			
	I definitely can't	I probably can't	Maybe	I probably can	I definitely can			I definitely can't	I probably can't	Maybe	I probably can	I definitely can		
Estimate the weight of 5 apples using pounds (lbs.)	®	•	0	Ф	©	VH267674	a. Estimate the weight of 5 apples using pounds (lb)	9	Ф	0	0	•		
b. Divide 42 stickers among 6 students	®	(D)	0	Ф	Ф	VH617317	b. Divide 42 stickers among 6 students	0	Φ	0	•	Φ		
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	@	•	0	0	•	VH267682	c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	•	Φ	0	•	Φ		
d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	3	•	0	0	•	VH267683	d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	•	Φ	•	•	Φ		

Appendix J1-6: Operational Grade 4 (Mathematics)

.	L	1	`	•	,
11. In your math class this solution to a math pro		have you explai	ned in your own	words your	VR590413
Never					
® In some of the less	sons				
In about half of th	e lessons				
In more than half	of the lessons				
© In all or almost all	l of the lessons				
				A.C.	
12. This school year, how		ving things happen	in your math class	? VH267415	
Select one answer choi	ice on each row.				
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost a
VH588077	Cici	the time	time	the time	or the time
My teacher used computers or other digital devices when	®	(8)	0	0	(
teaching math to my class.					
My teacher required us to use					
computers or other digital devices to complete math	(A)	(B)	0	0	(
assignments.					
12 11 6 1	-1-1-1-2				VH336231
13. How often do you use a	calculators				
About once or twice					
About once or twice					
About once or twice					
© Every day or almos	st every day				
14 11 6 1	.1.1	1:6	h 12		VH268936
14. How often do you use r	nath in everyday	life outside of sci	1001		
About once or twice	Carlos Carlos Carlos				
About once or twice					
About once or twice					
© Every day or almos	t every day				

VR760467

after school?	15.	How often do you receive help or tutoring for math outside of school, before school, or after school?
---------------	-----	---

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

VR590288

16. Outside of school, how often did you do each of these activities in the last month? Select one answer choice on each row.

	Never	Once	Two or three times	Four or more times
a. Figure out how long you can still play if you have to stop at a given time	0	(8)	0	Φ
b. Determine if you have enough money to pay for something (for example, a gift for a friend or a book at a school book fair)	0	•	0	•
c. Compare two amounts of something to determine which one is greater	0	(6)	0	Φ
d. Figure out how many more pages you still have to read to finish a story or a chapter	0	(8)	0	Φ

VR590192

17. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems.

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Estimate the weight of 5 apples using pounds (lb)	0	®	0	0	©
b. Divide 42 stickers among 6 students	0	(8)	0	Φ	©
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	0	(9)	Θ	Θ	©
d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	0	(8)	0	Φ	©

VH844769

18. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I enjoy doing math.	®	®	0	0	©
b. I look forward to my math class.	0	•	0	Θ	©
c. I am interested in the things I learn in math.	0	®	0	Φ	©
d. I think making an effort in math is worthwhile.	0	•	0	Θ	©
e. I think math will help me even when I am not in school.	0	®	0	Θ	©
f. I think it is important to do well in math.	0	®	0	0	©

VH845110

19. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my math class.	0	®	0	Θ	(
b. I want to master a lot of new skills in my math class.	0	®	0	Θ	Θ
c. I want to become better in math this year.	1	•	0	Θ	Θ
d. I want to understand as much as I can in my math class.	0	®	0	Θ	€

Appendix J1-7: Summary of Changes Operational Grade 8 (Mathematics)

2026 Operatio	nal Grade 8 Mathematics Student		
Previous Item	2026 Item	D/ A/R+	Rationale
25. What math class are you taking this year? Select one or more answer choices. © Eighth-grade math © General eighth-grade math © Algebra I course © First year of a two-year algebra course © Second year of a two-year algebra course © Algebra I (one-year course) © Algebra II © Geometry © Other	17. What math classes are you taking this year? Select one or more answer choices. © Eighth-grade math © Introduction to algebra or pre-algebra © Algebra I © Geometry © Algebra II © Other math class (Please specify): Issue: Mathematical Content and Practices	R	The revised item includes streamline d response options.
26. What math class do you expect to take next year? © Geometry (a) Algebra II (b) Algebra I (one-year course) (c) First year of a two-year Algebra I course (c) Second year of a two-year Algebra I course (c) Introduction to algebra or pre-algebra (c) Basic or general math (c) Business or consumer math (c) Other math class (d) I don't know.	18. What math classes do you expect to take next year? Select one or more answer choices. Basic or general math Introduction to algebra or pre-algebra Algebra I Geometry Algebra II Integrated math Other math class (Please specify): I don't know. Issue: Mathematical Content and Practices	R	The revised item includes streamline d response options.
27. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved math? Never Once Two or three times Four or five times More than five times	N/A	D	This item was dropped in favor of a new item.
2026 Operatio	nal Grade 8 Mathematics Student		
Previous Item	2026 Item	D/ A/R+	Rationale
N/A	19. How often do you use a calculator? Never About once or twice a year About once or twice a month Every day or almost every day	A	This item was added for consistenc y with the questionn

(2024)					ı	ssue: Instruc	tional (Organiz	ation a	ınd Stra	itegies		aire at grade 4.
a. Talk about math problems with your friends b. Program computers c. Go to websites for help with your math homework		About once or twice a month	About once or twice a week	VICH02M VICANO4 VICANO4 VICANO42	1	N/A						D	This item was dropped to reduce questionn aire length.
N/A						22. In your math leasons to Select one answer cho Select one answer cho is a select one answer cho is select one answer cho is select on a graph to justify your answer select of the select of graph supports an answer select on the justified of two statements is true. 1. Explain why you agree or disagree with another student's statements is true. 2. Explain why you agree or disagree with another student's problem leave to solve a math problem based on another student's ideas.		In some of the lessons	In about half of the lessons © ©	In more than half of the lessons	In all or almost all of the lessons	A	This item was developed to measure content aligned with the new
(2024)					I	ssue: Mathei	matical	l Conte	nt and	Practic	es		Mathema tics framewor k.

2026 Operational Grade 8 Mathematics Student							
Previous Item	2026 Item	D/ A/R+	Rationale				
N/A (2024)	23. In your math class this year, how often have you explained in your own words your solution to a math problem? O Never In some of the lessons In more than half of the lessons In all or almost all of the lessons Issue: Student Mathematical Identity	Α	This item was developed to measure content aligned with the new Mathema tics framewor				

							k.
N/A	25. How often do you receive help or tutoring for math outside of school, before school, or after school? 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 Issue: N/A						This item captures the important aspect of help or
(2024)							tutoring received by students.
N/A	26. Outside of school, how often i Select one answer choice on e		ese activities in the la	væs sst month≀	1033s	Α	This item was
	a. Use math in a conversation with a friend b. Make a decision based on the probability that something will occur complete a task if you know how from the complete a task if you know how from the complete a partie of the task. d. Estimate how long to you have to wait for something (for example, the end of a game)	Never	© © © © © © © © © © © © © © © © © © ©	Two or three times	© © ©		to measure content aligned with the new
(2024)	Issue: Mathemat	ical Cor	ntent an	d Practic	es		Mathema tics framewor k.

2026 Operational Grade 8 Mathematics Student									
Previous Item		D/ A/R+	Rationale						
N/A	29. How much do you like doing the following activities? Select one answer choice on each row.		This item was developed						
	Do not like at all Like a little bit Like somewhat Like quite a bit Like a lot		•						
	a. Doing math with another \oplus \oplus \oplus \oplus student		to						
	b. Deciding if a mathematical		measure						
	c. Showing why an answer is correct, using an equation, graph, or table		content						
	graph, or tastes d. Finding multiple ways to solve		aligned						
	a math protection Visional e. Using graphs or geometric		with the						
(2024)	ngures to sovre a mani protein		new						
(2024)	Issue: Student Mathematical Identity		Mathema						
			tics						
			framewor						
			k.						
			K.						

							Α	This item
NI/A	30. How much do you like doing the following activities?							was
N/A	Select one answer choi							developed
	a. Using words or an equation to write the rule for a number	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot		to
	pattern VR589842							measure
	b. Finding similarities among different examples of mathematical ideas	0	0	θ	Θ	Ф		content
	c. Checking the solution to a math problem to see if it makes sense in real life	0	Φ	0	Θ	Φ		aligned
	d. Using math to solve problems from the real world	0	•	θ	9	Ф		with the
	e. Translating the solution to a word problem back to the real- life situation it came from	0	•	θ	Θ	Φ		new
	f. Applying results from one math problem to other problems or situations	0	•	Θ	Φ	Φ		Mathema
								tics
								framewor
(2024)	Issue: Student Mathematical Identity							k.

Tevious it.	em						2	2026 Item						D/ A/R+	Rationale
32. How often do you play digital games (for example, apps, video games, or computer games) outside of school that involve math? Never About once or twice a year About once or twice a week Every day or almost every day					9	N/A						D	This item was dropped to reduce questionn aire length.		
Thinking about math, do you think that you would be able to do each of the following! Do not actually solve the problems. Select one answer choice on each row.						VH460345		31. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select one answer choice on each row.					R	Subitems	
	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	Ш			I definitely can't	I probably can't	Maybe	I probably can	I definitely can		b and c
a List all of the		I .		0	Φ	VH460382		a. List all of the different possible outcomes when a coin is flipped three times	®	Ф	0	0	Φ		were
List all of the different possible outcomes when a coin is flipped three times	•	Φ	0			\perp									
different possible outcomes when a coin is flipped three times b. Create an expression that represents the average number of miles you run in a week if you run 100	© ©	6	0	•	Φ	V1666383		b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks	®	Ф	0	0	Φ		revised fo
different possible outcomes when a coin is flipped three times b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in w weeks c. Determine a 20 percent tip of a	•	0	0	®		VH460383		represents the average number of miles you run in a week if	Φ	Φ	0	60	Φ		revised for clarity.
different possible outcomes when a coin is flipped three times b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in w weeks c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill					0	V1660383 V16567679 V16567682		represents the average number of miles you run in a week if you run 100 miles in x weeks VEZNALSS c. Determine a 20% tip for a \$55							
different possible outcomes when a coin is flipped three times b. Create an expression that represents the miles you run in a week if you run 100 miles in w weeks c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill d. Find the ended to cause the country of the	© ©	•	0	© ©	θ	V10660383 V1067679 V1067692		represents the average number of miles you run in a week if you run i00 miles in x weeks views and i00 miles in x weeks. c. Determine a 20% tip for a \$55 restaurant dinner bill VINDAMS d. Find the amount of carpet needed to cover a rectangular floor if you know its length and	۵	Ф	Φ	(b)	Ф		
different possible outcomes when a coin is flipped three times are expression. b. Chet expression the expression are expressi	®	•	0	Φ	Φ	V38460383 V38267679 V38267692 V38260399		represents the average number of miles you run in a week if you run il 00 miles in x weeks now the second of the s	Φ	Φ	Φ	© ©	Ф		
different possible outcomes when a coin is flipped three times. b. Charles and the control of t	© ©	•	0	© ©	θ	V71640083 V71047619 V71047612 V71640099 V714460910		represents the average number of miles you run in a week if you run il 00 miles in x weeks. c. Determine a 20% tip for a 855 restaurant dinner bill 100 miles in restaurant dinner bill 100 miles in restaurant dinner bill 100 miles in restaurant for the to cover a testaurant for the top to the control of the top to the top top to the top top to the top	Φ Φ	Ф Ф	Φ	0	Ф		

Appendix J1-8: Operational Grade 8 (Mathematics)

				VR60041
17.	Wh	at math classes are you taking this year?		
	Sele	ect one or more answer choices.		
	(A)	Eighth-grade math		
	B	Introduction to algebra or pre-algebra		
	0	Algebra I		
	0	Geometry		
	(E)	Algebra II		
	(E)	Other math class (Please specify):		
				VR600420
18.	Wl	hat math classes do you expect to take next year?		711000120
	Sel	lect one or more answer choices.		
	(A)	Basic or general math		
	(B)	Introduction to algebra or pre-algebra		
	0	Algebra I		
	0	Geometry		
	(E)	Algebra II		
	(E)	Integrated math		
	©	Other math class (Please specify):		
	\oplus	I don't know.		
19.	Hov	w often do you use a calculator?	VH336231	
	(A)	Never		
	(B)	About once or twice a year		
	0	About once or twice a month		
	0	About once or twice a week		

© Every day or almost every day

VH266808

20. In your math class this year, how often have you used the following types of calculators? Select one answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
vh2668 a. Basic calculator	(A)	®	0	0	(E)
b. Scientific (not graphing) calculator	Ø	(B)	0	0	(
vH2668 c. Graphing calculator	(A)	®	0	0	©

VH267415

21. This school year, how often did the following things happen in your math class? Select **one** answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. My teacher used computers or other digital devices when teaching math to my class.	0	•	0	Θ	Θ
b. My teacher required us to use computers or other digital devices to complete math assignments.	0	•	0	Θ	θ

VR590395

22. In your math lessons this year, how often do you do these things? Select one answer choice on each row.

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons
a. Use an equation or a graph to justify your answer	®	®	0	Θ	©
b. Evaluate whether an equation or graph supports an answer	•	6	0	0	©
c. Use an equation or a graph to help you choose which of two statements is true	0	©	0	0	•
d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	0	®	0	Θ	Θ
e. Adapt your ideas about how to solve a math problem based on another student's ideas	•	®	0	Θ	©

23.		our math class this year, ho	w often have y	ou explained in yo	our own words yo	VR59041						
	(A)	Never										
	®	In some of the lessons										
	0	In about half of the lessons	,									
	0	In more than half of the les	ssons									
	(E)	In all or almost all of the le	essons									
24.	Ho	w often do you use math in	everyday life ou	itside of school?		VH268936						
	(A)	Never										
	®	About once or twice a year										
	0	About once or twice a month										
	0	About once or twice a week	k									
	(E)	Every day or almost every	day									
25.	afte	Never About once or twice a year About once or twice a mon About once or twice a week Every day or almost every of 26. Outside of school, how often di Select one answer choice on each	th k lay d you do each of the		VP.	ol, or						
			Never	Once	Two or three times	Four or more times						
	Use n friend		®	(8)	0	Φ						
		a decision based on the bility that something will occur	((1)	0	Φ						
	comp	ate how long it will take to lete a task if you know how long es to complete a portion of the	©	(3)	©	Φ						
		nate how long you have to wait mething (for example, the end of	®	®	0	©						

VH844769

27. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I enjoy doing math.	0	®	0	0	©
b. I look forward to my math class.	0	®	0	0	©
c. I am interested in the things I learn in math.	0	(6)	0	0	©
d. I think making an effort in math is worthwhile.	0	®	0	Φ	©
e. I think math will help me even when I am not in school.	0	•	0	0	©
f. I think it is important to do well in math.	0	®	0	Φ	©

VH845110

28. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my math class.	0	®	0	Φ	©
b. I want to master a lot of new skills in my math class.	0	®	0	Θ	©
c. I want to become better in math this year.		•	0	Θ	Θ
d. I want to understand as much as I can in my math class.	0	®	0	0	€

VR600400

29. How much do you like doing the following activities? Select one answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
a. Doing math with another student	0	®	0	Θ	(
b. Deciding if a mathematical conclusion is true or false	0	®	0	Θ	©
c. Showing why an answer is correct, using an equation, graph, or table	0	•	0	0	•
d. Finding multiple ways to solve a math problem	0	•	0	Θ	•
e. Using graphs or geometric figures to solve a math problem	0	®	0	Θ	•

30. How much do you like doing the following activities? Select one answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
a. Using words or an equation to write the rule for a number pattern	0	•	0	Φ	Θ
b. Finding similarities among different examples of mathematical ideas	0	•	0	Θ	Θ
c. Checking the solution to a math problem to see if it makes sense in real life	0	•	0	Θ	Θ
d. Using math to solve problems from the real world	0	(9)	0	0	(b)
e. Translating the solution to a word problem back to the real- life situation it came from	0	•	0	Θ	Θ
f. Applying results from one math problem to other problems or situations	0	•	0	Θ	Θ

VR590192

31. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems.

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. List all of the different possible outcomes when a coin is flipped three times	0	(9)	0	Φ	Φ
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks	0	6	0	Θ	Φ
c. Determine a 20% tip for a \$55 restaurant dinner bill	0	(8)	0	Θ	©
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	®	(1)	0	Φ	Φ
e. Give an example to show that a math statement is false	0	®	0	0	©
f. Explain to your classmate how you solved a math problem	0	®	0	Φ	©
g. Use correct mathematical words and symbols when showing your work	®	•	0	Φ	©

Appendix J1-9: Summary of Changes Operational Grade 4 (Reading)

2026 Operational Grade 4 Reading Student						
Previous Item	2026 Item D/ A/R+	Rationale				
N/A (2024)	11. Think about the last topic that you read about on this test. How interested were you in the topic? ① Not at all ① A little bit ① Somewhat ① Quite a bit ① Very much ① I don't remember.	This item was developed to measure content aligned with the new Reading framework.				
N/A	12. When you read for your English/language arts class, how often do you do the following things! Select one answer choice on each row. Never or handly Once in a while Sometimes Often Always or almost always	This item was developed to measure				
	a. Read the text again when you don't understand something vissors b. Look at the text to help you to the text to text to help you to the text to the you already to the text	content aligned with the new Reading				
(2024)	Issue: Cognition and Metacognition	framework.				
N/A	I7. Does your teacher give you class time to read for fun?	This item was developed to measure content aligned				
(2024)	Issue: Teacher, Instructional, and Classroom Supports	with the new Reading framework.				

2026 Operational Grade 4 Reading Student						
Previous Item	2026 Item	D/ A/R+	Rationale			
		R	This item was revised			

19. In this school year, how often do you borrow reading materials (such as books or magazines) from your classroom library, school library, or media center? ① Never ① About once or twice a year ② About once or twice a month ③ About once or twice a week ① Every day or almost every day	19. In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)? ⑤ Never ⑤ About once or twice a year ⑤ About once or twice a month ⑥ About once or twice a week ⑥ Every day or almost every day		for clarity.
(2024)	Issue: Engagement and Motivation		
20. Besides doing homework, how much time do you spend reading outside of school? © Less than 30 minutes a day © About 30 minutes a day © About 2 hours a day © About 3 hours a day © About 3 hours a day © 4 or more hours a day	18. How much time do you usually spend reading for fun outside of school? © Less than 15 minutes a day © 15 to 30 minutes a day © 31 minutes to 1 hour a day © More than 1 hour a day © I don't read for fun. Issue: Engagement and Motivation	R	This Item was revised to put the emphasis on "reading for fun."
N/A	20. Are you able to get reading materials outside of school?	A	This item was developed to measure content aligned with the
(2024)	Issue: School and Community Resources		new Reading framework.

2026 Operational Grade 4 Reading Student					
Previous Item	2026 Item	D/ A/R+	Rationale		
N/A (2024)	21. How often do you receive help from a tutor, family member, or friend with English/language arts outside of school or after school? ② Never ① About once or twice a year ① About once or twice a month ② About once or twice a week ① Every day or almost every day Issue: School and Community Resources	A VIII3530	This trend item was added to measure content aligned with the new Reading framework.		
	N/A	D	This Item was dropped to reduce		

Appendix J1-10: Operational Grade 4 (Reading)

11. Think about the last to the topic?	pic that you read	d about on this to	est. How interes	ted were you in	VR591075
Not at all					
A little bit					
© Somewhat					
Quite a bit					
Very much					
I don't remember.					
12. When you read for you	r English/Janguage	arts class how often	en do vou do the fo	VR590942	
things?	i Liigiisii/iaiiguage	arts class, now orte	in do you do the for	llowing	
Select one answer choi	ce on each row.				
	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost alway
. Read the text again when you don't understand something	0	®	0	Φ	©.
Look at the text to help you answer questions	0	®	0	0	(E)
vr.590946 . Think about what you already know about the topic	0	®	0	Θ	⊕
VR590948 . Have your own opinions about the text	0	8	0	0	©
VR590950 . Use other words to figure out the meaning of a word	0	®	0	0	(
13. How often does your to	eacher ask you t	o discuss new or	difficult vocabu	ılary?	VH332853
About once or twice	ce a year				
About once or twice	ce a month				
About once or twice	ce a week				
© Every day or almos	st every day				
14. For school this year, how something that you have		vork in pairs or s	small groups to t	alk about	VH332862
Never					
About once or twice	e a year				
About once or twice					
About once or twice	e a week				

© Every day or almost every day

	r school this year, how often do you have a class discussion about something that the ss has read?	VH332871
(4)	Never	
(B)	About once or twice a year	
0	About once or twice a month	
0	About once or twice a week	
(E)	Every day or almost every day	
	r school this year, how often have you been asked to write long answers (several	VH588774
	ntences or paragraphs) to questions on tests or assignments that involved reading?	VH588774
sen	ntences or paragraphs) to questions on tests or assignments that involved reading? Never	VH588774
ser	ntences or paragraphs) to questions on tests or assignments that involved reading? Never Once	VH588774
ser ③	ntences or paragraphs) to questions on tests or assignments that involved reading? Never Once Two or three times	VH588774
ser (A) (B)	Never Once Two or three times Four or five times	VH588774
ser.	Never Once Two or three times Four or five times	VH588774
ser.	Never Once Two or three times Four or five times	VH588

YesNo

18.	Hov	w much time do you usually spend reading for fun outside of school?	VR59101
	(A)	Less than 15 minutes a day	
		15 to 30 minutes a day	
	0	31 minutes to 1 hour a day	
	0	More than 1 hour a day	
	(E)	I don't read for fun.	
19.	mag	his school year, how often do you borrow reading materials (such as books or gazines) from your school (for example, a classroom library, school library, or media ter)?	VH85317
	(4)	Never	
	®	About once or twice a year	
	0	About once or twice a month	
	0	About once or twice a week	
	(E)	Every day or almost every day	
20.	Are	you able to get reading materials outside of school?	VR59108
	(4)	Yes	
	(B)	No	
21.		often do you receive help from a tutor, family member, or friend with ish/language arts outside of school or after school?	VH33282

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

22. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Figure out the meaning of a word you don't know by using other words in the text	Θ	•	0	Φ	θ
b. Explain the meaning of something you have read	0	®	0	0	©
c. Figure out the main idea of a text	0	(6)	0	0	©
d. Find text in a reading passage to help you answer a question on a test	0	•	0	0	Θ
e. Recognize when you don't understand something you are reading	0	•	0	Φ	•
f. Recognize the difference between fact and opinion in a text	0	•	0	0	•

23. How much does each of the following statements describe you? Select one answer choice on each row. VH844081

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my English/language arts class.	0	•	0	0	•
b. I want to become a better reader this year.	•	®	0	0	©
c. I want to understand as much as I can in my English/language arts class.	0	•	Θ	0	•
d. I want to master a lot of new English/language arts skills in my class.	0	•	0	0	©

24. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. Reading is one of my favorite activities.	0	®	0	Φ	©
vh844172 b. I think reading is important.	0	®	0	0	©

Appendix J1-11: Summary of Changes Operational Grade 8 (Reading)

Dravious Itam	2026 Operational Grade 8 Reading Student 2026 Item D/	Rationale
Previous Item	2026 Item D/ A/R+	Kationaic
N/A	17. Think about the last topic that you read about on this test. How familiar were you with that topic before taking this test? Description of the last topic that you read about on this test. How familiar were you with the last topic before taking this test? Not at all A little bit Somewhat Quite a bit Very much I don't remember.	This item was developed to measure content aligned with the new
(2024)	Issue: Cognition and Metacognition	Reading framework
N/A (2024)	18. Think about the last topic that you read about on this test. How interested were you in the topic? One has all A little bit Somewhat Quite a bit Very much I don't remember.	This item was developed to measure content aligned with the new Reading framework
(2021)	Issue: Engagement and Motivation	
N/A	22. When you read for your English/language arts class, how often do you do the following things? Select one answer choice on each row.	This item was developed
	Never or hardly ever Once in a while Sometimes Often Always or almost always	to measure
	a. Read the text again when you	content
	b. Look at the text to help you	aligned with the
	c. Think about what you already	new
	d. Have your own opinions about □ □ □ □ □ □ □ □ the text 1000000 c. Use other words to figure out □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Reading
	the meaning of a word	framework
(2024)	Issue: Cognition and Metacognition	

2026 Operational Grade 8 Reading Student							
Previous Item	2026 Item	D/ A/R+	Rationale				
		A	This item was				

N/A	72.5	015	developed
N/A	24. Does your teacher give you class time to read for fun? ② Yes		developed
	⊕ No		to measure
			content
(2004)	Issue: Engagement and Motivation		aligned
(2024)			with the
			new
			Reading
			framework.
		R	This Item
			was revised
29. Besides doing homework, how much time do you spend reading outside of school?	25. How much time do you usually spend reading for fun outside of school?	91010	to put the
Less than 30 minutes a day About 30 minutes a day	 Less than 15 minutes a day 15 to 30 minutes a day 		emphasis
© About 1 hour a day	© 31 minutes to 1 hour a day		on "reading
About 2 hours a day About 3 hours a day	More than 1 hour a day I don't read for fun.		for fun."
© 4 or more hours a day			Tor run.
(222.1)	Issue: Engagement and Motivation		
(2024)			
			This item
		Α	
N/A	26. In this school year, how often do you borrow reading materials (such as books or	3176	was
IN/A	magazines) from your school (for example, a classroom library, school library, or media center)?		developed
			to measure
	About once or twice a year About once or twice a month		content
	About once or twice a week Every day or almost every day		aligned
	Every day of almost every day		with the
(2024)	Issue: Engagement and Motivation		new
(2021)	issue. Engagement and Motivation		Reading
			framework.
		Α	This item
			was
N/A	27. Do you prefer to read texts on paper (printed texts) or on a screen (digital texts) when reading for fun?	591062	developed
	© Print		to measure
	Digital I don't have a preference.		content
	I don't read for fun.		aligned
			with the
()	Issue: Engagement and Motivation		new
(2024)			
			Reading
			framework.
1	I .		1

	2026 Operational Grade 8 Reading Student									
Previous Item	2026 Item		D/ A/R+	Rationale						
N/A	28. Are you able to get reading materials outside of school? © Yes D No	VR591084	Α	This item was developed to measure						

(2024)	Issue: School and Community Resources		content aligned with the new Reading framework.
N/A (2024)	29. How often do you typically read each of the following outside of school (print or online)? Select one answer choice on each row. Never About once or twice a year twice a mouth twice a week almost every day or twice a nounth twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a week almost every day or twice a point twice a point twice a week almost every day or twice a point twice a point twice a point twice a week almost every day or twice a point twice a point twice a week almost every day or twice a point twic	A	This trend item was added to measure content aligned with the new Reading framework.
N/A (2024)	30. How often do you receive help from a tutor, family member, or friend with English/language arts outside of school or after school? Never About once or twice a year About once or twice a month Every day or almost every day Issue: School and Community Resources	A	This trend item was added to measure content aligned with the new Reading framework.

Previous Item 30. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.						2026 Item 31. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.						D/ A/R+ R	Rationale Two matrix	
Figure out the meaning of a word	can't	can't	. may be	can	can		 a. Figure out the meaning of a word you don't know by using other words in the text 	•	(D)	0	Ф	Φ		combined
you don't know by using other words in the text	0	•	0	0	0	VH260848	b. Explain the meaning of something you have read	0	(1)	0	Ф	Ф		into
b. Explain the meaning of something you have read	®	•	0	0	©	VH260849	c. Figure out the main idea of a text	0	Φ	0	0	Φ		VH260847
c. Figure out the main idea of a text	•	■	0	0	©	VH260851	d. Find text in a reading passage to help you answer a question on a test	•	₲	0	•	Φ		for 2026.
d. Find text in a reading passage to help you answer a question on a test	®	•	0	0	Φ	VH260859	e. Recognize when you don't understand something you are reading	Φ	(5)	0	(1)	Φ		
e. Recognize when you don't understand something you are	®	(6)	Θ	Ф	Ф	VH260861	f. Recognize the difference between fact and opinion in a text	0	®	0	Ф	Ф		
reading					I		g. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	•	•	0	0	•		
							h. Use evidence from a text to support my answer	•	•	0	Ф	Φ		

								D	This Item
									was
 Do you think you would be able to do each of the following when reading? Select one answer choice on each row. 						VH611300	N/A		dropped
and the control of th	I definitely can't	I probably can't	Maybe	I probably	I definitely				and some
a. Recognize the difference between						VH260863			subitems
fact and opinion in a text	⊕	0	Θ	Φ	•	V1-1240863			were
b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	8	0	0	0	Θ	VH260857			included in
c. Critique an author's craft or technique	®	•	0	0	•	VH260866			
d. Use evidence from a text to support my answer	0	•	0	0	•	VH616841			item VH260847
e. Identify the author's perspective in a persuasive text	0	θ	0	0	0	VH260868			for 2026.
2024)									

Previous Item					2	2026 Item						D/ A/R+	Rationale		
How much does each choice on each row.	33. How much does each of the following statements describe you? Select one answer 33. How much does each of the following statements describe you?								R	This item was revise to add					
	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me				Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me		subitem
Reading is one of my favorite activities.	®	(B)	©	Ф	(D)	VH844169		Reading is one of my favorite activities.	0	•	0	0	Φ		VH844168
 I like talking about books with other 	0	(0	0	•	VH844170		b. I like talking about books with other people.	0	0	0	Φ	Φ		
people. c. I think reading is	(D)	OD.	©	Φ	Φ	VH844172		c. I think reading is important.	Φ	Ф	0	0	Φ		
important. d. I enjoy going to a	0	®	0	0	Φ	VH844171		d. I enjoy going to a bookstore or a library.	•	•	0	0	Φ		
bookstore or a library.								e. I enjoy finding things to read online.	0	0	0	Φ	Φ		
(2024)							•	ssue: Engage	ment a	nd Mo	tivatior	1			

Appendix J1-12: Operational Grade 8 (Reading)

VR590984

- 17. Think about the last topic that you read about on this test. How familiar were you with that topic before taking this test?
 - Not at all
 - ® A little bit
 - Somewhat
 - Quite a bit
 - Very much
 - D I don't remember.

	nk about the last topic topic?	c that you read	about on this	test. How inter	rested were you	vR591075 u in				
(4)	Not at all									
(B)	A little bit									
0	Somewhat									
0	Quite a bit									
(Very much									
(D)	I don't remember.									
19. For your English/language arts class this year, how often do you do each of the following? Select one answer choice on each row.										
		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				

	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
a. Have a class discussion about something that the whole class has read	©	®	0	0	©
v+1332889 b. Work in pairs or small groups to talk about something that you have read	•	®	0	Φ	©

- **20.** For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved reading?
 - Never
 - ® Once
 - Two or three times
 - Four or five times
 - More than five times

21. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following?
Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Evaluate the main evidence in a persuasive/argument passage		®	0	0	©.
b. Analyze the author's organization of information in a passage		•	0	•	©

VR590942

22. When you read for your English/language arts class, how often do you do the following things?

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Read the text again when you don't understand something	®	(8)	0	0	Œ
b. Look at the text to help you answer questions	0	®	0	0	©
c. Think about what you already know about the topic	0	(9)	0	0	©
d. Have your own opinions about the text	0	(9)	0	0	©
e. Use other words to figure out the meaning of a word	0	®	0	0	Œ

VH333074

23. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following?

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Summarize the passage	0	®	0	Θ	Œ
b. Interpret the meaning of the passage	0	6	0	Θ	©
c. Question the motives or feelings of the characters	0	(6)	0	Θ	©
d. Identify the main ideas of the passage	0	(6)	0	Θ	©
e. Identify the themes of the passage	0	6	0	Θ	©

VR591015

- 24. Does your teacher give you class time to read for fun?
 - Yes
 - ® No

25.	How	v much time do you us	sually spend rea	ding for fun ou	tside of school?		VR591010
		Less than 15 minutes		0			
		15 to 30 minutes a day					
		31 minutes to 1 hour					
		More than 1 hour a da					
		I don't read for fun.	,				
26.	mag	his school year, how o gazines) from your sch ter)?					VH853176
	(4)	Never					
	B	About once or twice	a year				
	0	About once or twice	a month				
	0	About once or twice	a week				
	(E)	Every day or almost of	every day				
27		you prefer to read tex ding for fun?	ts on paper (pri	nted texts) or o	n a screen (digit	al texts) when	VR591062
	(4)	Print					
	(B)	Digital					
	0	I don't have a prefere	ence.				
	0	I don't read for fun.					
							VR591084
28	. Ar	e you able to get readi	ng materials o	utside of school	1?		VR391064
	(1)	Yes					
	(B)	No					
		29. How often do you typic	-	he following outsid	e of school (print o	r online)?	5
		Select one answer choice	ce on each row.				
			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
a.	Storie	vH261066 s or novels	0	®	0	0	Ē
b. :	E-mai	VH261074 ls	0	®	0	0	(Ē)

	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
a. Stories or novels	0	®	0	0	©
v _{H261074} b. E-mails	®	®	0	0	(E)
vH261075 c. Text messages	0	®	0	0	©

30.	How often do you receive help from a tutor, family member, or friend with
	English/language arts outside of school or after school?

- Never
- About once or twice a year
- O About once or twice a month
- About once or twice a week
- © Every day or almost every day

31. Do you think you would be able to do each of the following when reading?

31. Do you think you would be able to do each of the following when reading Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Figure out the meaning of a word you don't know by using other words in the text	0	(6)	0	Φ	Φ
b. Explain the meaning of something you have read	0	•	0	0	©
c. Figure out the main idea of a text	@	(B)	0	0	Œ
d. Find text in a reading passage to help you answer a question on a test	0	©	0	0	©
e. Recognize when you don't understand something you are reading	0	®	0	0	©
f. Recognize the difference between fact and opinion in a text	0	(9)	0	Φ	©
g. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	0	®	0	Φ	©
h. Use evidence from a text to support my answer	0	®	0	0	Œ

32. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my English/language arts class.	0	®	0	Φ	•
b. I want to become a better reader this year.	0	®	0	0	©
c. I want to understand as much as I can in my English/language arts class.	0	6	0	Θ	©
d. I want to master a lot of new English/language arts skills in my class.	0	®	0	Φ	•

33. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. Reading is one of my favorite activities.	0	®	0	0	Œ
b. I like talking about books with other people.	0	(8)	0	0	(E)
v _{H844172} c. I think reading is important.	®	®	0	0	©.
d. I enjoy going to a bookstore or a library.	0	®	0	0	©
e. I enjoy finding things to read online.	@	®	0	0	(E)

Appendix J1-13: Operational Grade 8 (Civics)

VH456753

 $17.\,$ In which of the following grades have you learned about civics and/or United States government?

Select one answer choice on each row.

	Yes, I took a class or course mainly focused on civics and/or United States government.	Yes, I took a class or course that included some civics and/or United States government topics.		I don't remember.
vH457394 a. 6th grade	®	(B)	0	0
b. 7th grade	®	(8)	0	0
c. 8th grade	0	(8)	0	Φ

VH457356

18. In your social studies class this year, how much have you studied the following topics? Select one answer choice on each row.

	Not at all	Very little	Some	Quite a bit	A lot
a. The United States Constitution	(A)	®	0	0	©
b. The three branches of the United States government (executive, judicial, and legislative branches)	•	6	0	Θ	•
vH457363 c. How laws are made	(A)	(6)	0	0	©
d. Political parties, elections, and voting		®	0	Θ	©
e. Other countries' governments (for example, their structure, how they are run, or interactions with the United States)	•	•	0	•	Φ
f. International organizations (for example, the United Nations, World Bank, or World Health Organization)	•	(6)	0	Θ	Θ
g. Current political and social issues	(A)	®	0	Φ	©

19. During this school year, how often do you do each of the following activities when you study civics and/or United States government?

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Study the rights and responsibilities of United States citizens	0	Θ	0	Φ	©
b. Compare the roles and responsibilities of local, state, and national governments in the United States	0	•	0	Φ	©
c. Study why it is important for individuals to participate in the political process and government	0	Θ	Θ	Θ	©

VH457531

20. In your social studies class this year, how often do you get the following assignments? Select one answer choice on each row.

	Never or hardly ever	Less than half of the lessons	About half of the lessons	More than half of the lessons	All or almost all of the lessons
a. Short written responses (for example, a paragraph or less)	0	(8)	0	0	(1)
b. Assignments that use different forms of media (for example, photos, videos, or music)	Φ	®	0	Φ	Œ.
c. Responses to questions based on information from several sources (for example, letters, cartoons, or maps)	®	®	0	•	Œ

21. When you study social studies, how often do you use computers or other digital devices to do the following? For this question, include both schoolwork and homework assignments.

Select one answer choice on each row.

	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
a. Organize information about civics and/or United States government topics by creating tables, charts, or graphs	(3)	(9)	θ	Φ	Φ
b. Create reports or projects about civics and/or United States government using different forms of media (for example, a slide presentation that combines text and video clips)	®	(6)	0	0	Θ
c. Participate in online discussions about civics and/or United States government on a website (for example, in forums or social media)	③	•	Θ	•	•
d. Use the Internet to look for evidence or sources (for example, text documents, photographic images, or films)	®	6	Θ	Φ	•

22. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I think I can make a difference in my community.	0	®	0	0	©
b. I think being actively involved in community issues is my responsibility.	0	•	0	0	•
c. I think being concerned about state and local issues is an important responsibility for everybody.	0	•	0	Φ	•
d. I have good ideas for programs and projects that would help solve problems in my community.	0	•	0	Φ	•
e. I expect to be involved in improving my community three years from now.	0	•	0	Φ	©

23. Do you think that you would be able to do each of the following? Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Explain the roles and functions of the three branches of the United States government	0	®	0	Φ	•
b. Explain the rights and responsibilities of United States citizens	0	6	0	Θ	•
c. Explain how the United States influences and is influenced by events in other countries	0	(6)	0	Θ	•
d. Compare the roles and responsibilities of local, state, and national governments in the United States	0	(6)	0	Θ	•
e. Explain why it is important to pay attention to the political process and government	0	©	0	Θ	•
f. Explain why it is important for individuals to participate in the political process and government	0	(6)	0	Θ	•

VH716899

24. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible about civics and/or United States government in my class.	0	•	0	Φ	Θ
b. I want to master a lot of new civics and/or United States government skills in my class.	0	(1)	0	Φ	Θ
c. I want to become a better civics and/or United States government student this year.	0	•	0	0	•
d. I want to understand as much as I can about civics and/or United States government in my class.	©	•	0	Φ	©

25. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I think that civics and/or United States government schoolwork helps me understand what is happening in the world around me.	0	(1)	Θ	Φ	©
b. I think that learning about civics and/or United States government topics will be important for my future.	0	(8)	0	•	•

VH716880

26. During this school year, how often do you do each of the following activities outside of school?

Select one answer choice on each row.

	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
a. Read about current political events in the media	@	(6)	0	0	©
b. Watch movies, videos, and/or TV programs about current political events	(A)	•	0	0	•
c. Participate in volunteer activities within a community	(A)	•	0	0	©
d. Discuss current political events or issues with others (for example, people in my home or friends)	(A)	(1)	0	0	•

- 27. How often do you receive help from a tutor, family member, or friend with social studies outside of school or after school?
 - Never
 - About once or twice a year
 - O About once or twice a month
 - About once or twice a week
 - Every day or almost every day

Appendix J1-14: Operational Grade 8 (U.S. History)

17. In which of the following grades have you learned about United States history? Select one answer choice on each row.

VH459690

VH459719

	Yes, I took a class or course mainly focused on United States history.	Yes, I took a class or course that included some United States history topics.		I don't remember.
a. 6th grade	©	(B)	0	0
b. 7th grade	®	(8)	0	0
c. 8th grade	0	(8)	0	Φ

18. In your social studies class this year, how much have you studied the following periods of United States history?

Select one answer choice on each row.

	Not at all	Very little	Some	Quite a bit	A lot
a. The period before 1815 (for example, age of exploration, colonization, settlement, or American Revolution)	0	®	0	Θ	Θ
b. 1815 to 1865 (for example, expansion, reform, sectionalism, or the Civil War)	•	©	0	Θ	Θ
c. 1865 to 1945 (for example, Reconstruction, industrial growth, United States role in world events, immigration, the Great Depression, or the First and Second World Wars)	•	•	0	Θ	Θ
d. 1945 to the present (for example, the Cold War, Civil Rights movement, women's rights movement, Vietnam War, or environmental movement)	0	©	0	Θ	θ

19. During this school year, how often do you do each of the following activities when you study United States history?

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Examine the causes and effects of important events in United States history	0	©	0	Φ	Φ
b. Examine how time periods in United States history are similar or different	0	©	0	Φ	Φ
c. Judge whether information from a source (for example, text, visual graphics, video, or audio) is accurate	0	•	0	Θ	Φ
d. Analyze the relationship between two historical events	®	®	0	0	©
e. Compare and evaluate different points of view about the past (for example, different ideas about what caused the Civil War)	©	(1)	0	Φ	Φ
f. Come up with research questions about why or how something happened in the past (for example, what were the causes of the Great Depression)	0	•	0	•	θ
g. Take and defend a position about a historical issue (for example, how changes in transportation have affected the United States economy)	0	•	0	•	Θ

VH457531

20. In your social studies class this year, how often do you get the following assignments? Select one answer choice on each row.

	Never or hardly ever	Less than half of the lessons	About half of the lessons	More than half of the lessons	All or almost all of the lessons
a. Short written responses (for example, a paragraph or less)	0	®	0	0	©
b. Assignments that use different forms of media (for example, photos, videos, or music)	Θ	©	0	Θ	(
c. Responses to questions based on information from several sources (for example, letters, cartoons, or maps)	0	•	0	0	•

21. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I form opinions about historical events only after I have information from more than one source.	Θ	Φ	0	θ	Φ
b. I need to know the history leading up to an event to truly understand it.	0	•	Θ	Θ	Θ
c. I want to know what lies behind the story when I study a conflict in history.	0	•	Θ	Θ	Θ
d. I try to understand others better by imagining how things look from their perspective.	•	•	0	Θ	Θ
e. I try to look at everybody's side of a disagreement before I make a decision.	0	•	0	Θ	Θ
f. I think that there is more than one side to every question, and I try to look at all of them.	0	(1)	0	Θ	Θ

22. Do you think that you would be able to do each of the following? Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Explain the causes and effects of important events in United States history	0	(1)	0	•	Œ
b. Explain how time periods in United States history are similar or different	Θ	•	0	0	⑤
c. Judge whether information from a source (for example, text, visual graphics, video, or audio) is accurate	0	•	0	0	©
d. Understand the relationship between two historical events	0	®	0	0	©
e. Compare and evaluate different points of view about the past (for example, different ideas about what caused the Civil War)	0	•	0	Φ	©.
f. Come up with research questions about why or how something happened in the past (for example, what were the causes of the Great Depression)	0	•	0	Φ	®
g. Take and defend a position about a historical issue (for example, how changes in transportation have affected the United States economy)	Θ	Θ	0	Θ	©

23. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible about United States history in my class.	0	•	0	0	©
b. I want to master a lot of new United States history skills in my class.	0	(1)	0	0	•
c. I want to become a better United States history student this year.	0	•	0	0	©.
d. I want to understand as much as I can about United States history in my class.	0	•	0	0	©.

VH718431

24. During this school year, how often do you do each of the following activities outside of school?

Select one answer choice on each row.

	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
a. Read books about history	(A)	®	0	0	©
b. Watch movies, videos, or TV programs about history	(A)	®	0	0	Œ
v _{H718436} c. Do online research related to historical topics	(6	0	0	©
d. Talk to friends or family about historical topics	®	®	0	0	©.

- 25. How often do you receive help from a tutor, family member, or friend with social studies outside of school or after school?
 - 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

Appendix J1-15: Summary of Changes Operational Grade 4 (Debrief)

2026 Operational Grade 4 Debrief Student					
Previous Item	2026 Item	D/ A/R+	Rationale		
N/A	2. How easy or difficult was it for you to complete this test with this device? © Extremely difficult © Quite difficult © Somewhat difficult © Somewhat easy © Quite easy © Extremely easy	A V885440	This Item was added to understand students' experiences with using their devices		
(2024)	Issue: Debrief		to take the assessment.		

Appendix J1-16: Operational Grade 4 (Debrief)

1.	Hov	w much effort did you apply to succeed on this test?	VH333658
	(A)	No effort at all	
	(B)	Very little effort	
	0	Some effort	
	0	Quite a bit of effort	
	(E)	A lot of effort	
2.	Hov	w easy or difficult was it for you to complete this test with this device?	VR854449
	(A)	Extremely difficult	
	®	Quite difficult	
	0	Somewhat difficult	
	0	Somewhat easy	
	(D)	Quite easy	
	(D)	Extremely easy	

Appendix J1-17: Summary of Changes Operational Grade 8 (Debrief)

2026 Operational Grade 8 Debrief Student					
Previous Item	2026 Item	D/ A/R+	Rationale		
N/A	2. How easy or difficult was it for you to complete this test with this device? © Extremely difficult © Quite difficult © Somewhat difficult © Somewhat easy © Quite easy © Extremely easy	A \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	This Item was added to understand students' experiences with using their devices		
(2024)	Issue: Debrief		to take the assessment.		

Appendix J1-18: Operational Grade 8 (Debrief)

1.	Hov	w much effort did you apply to succeed on this test?	115,50.0
	(A)	No effort at all	
	(B)	Very little effort	
	0	Some effort	
	0	Quite a bit of effort	
	(D)	A lot of effort	
2.	Hov	w easy or difficult was this test?	VH260313
	(A)	Extremely difficult	
	(B)	Quite difficult	
	0	Somewhat difficult	
	0	Somewhat easy	
	(D)	Quite easy	
	1	Extremely easy	
3.	Hov	w easy or difficult was it for you to complete this test with this device?	VR854449
	(A)	Extremely difficult	
	®	Quite difficult	
	0	Somewhat difficult	
	0	Somewhat easy	
	(D)	Quite easy	
	(D)	Extremely easy	

Appendix J1-19: Pilot Grade 4 (Core)

VR858698

3. What is your race and/or ethnicity?

Select one or more answer choices.

- American Indian or Alaska Native
- Asian
- O Black or African American
- Hispanic or Latino
- Middle Eastern or North African
- Native Hawaiian or Pacific Islander
- @ White
- 4. About how many books are there in your home?
 - **⑤** Few (0−10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26-100)
 - © Enough to fill several bookcases (more than 100)

5. Do you have any of the following in your home? Select one answer choice on each row.

VR 190753

VH240186

	Yes	No
vH271105 a. Access to the Internet	0	(1)
b. A desktop or laptop computer (including Chromebooks) that you can use	0	•
c. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	0	Φ

6. Do any of the following people live in your home? Select one answer choice on each row.

	Yes	No
a. Mother	0	•
b. Father	0	®
v _{H271146} c. Stepmother	0	•
d. Stepfather	0	®
e. Foster mother or other female legal guardian	0	•
f. Foster father or other male legal guardian	0	®

None								
® 1 or 2 days								
© 3 or 4 days								
5 to 10 days								
More than 10 days								
8. Last school year, did you	attend the same	school	as this so	chool year?			VR586648	
Yes								
® No								
						VH7	33149	
9. How much does each of Select one answer choi		tements d	lescribe y	ou?				
Select one answer enor	ce on each row.							
	Not at all like me		bit like 1e	Somewhat me	like	Quite a bit lik me	e Very muc me	
VH733150 I like complex problems more	0		B	0		0	©	
than easy problems.		`						
VH733151 I like activities that challenge	®		B	0		©	©	
my thinking abilities.								
I enjoy situations where I will	®		B	0		•	Œ	
have to think about something. VH733154								
I enjoy thinking about new	(B	0		0	(
solutions to problems.								
10. How much does each o	of the following stat	tements d	lescribe th	e teachers at	your	school	36626	
this year?								
Select one answer choi	ce on each row.							
	Not at all l			bit like the	Quite	e a bit like the chers at my	Exactly like teachers at	
	schoo			chool	tea	school	school	illy
Teachers care about students.	VR586627			®		0	0	
	VR586628							$\neg \neg$
Students feel comfortable talking their teachers.	; with @			®		0	Φ	

7. How many days were you absent from school in the last month?

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school
a. Teachers care about students.	0	(B)	0	0
b. Students feel comfortable talking with their teachers.	0	(1)	0	©
c. Teachers expect students to do well.	0	(B)	0	0
d. Teachers are available when students need them.	0	(8)	0	Θ
e. Teachers try to understand students' problems.	0	(8)	0	Θ
f. Teachers notice if students need help.	0	(B)	0	0
g. Teachers treat all students respectfully.	0	(1)	0	Ф

Appendix J1-20: Pilot Grade 8 (Core)

VR858698

4. What is your race and/or ethnicity?

Select one or more answer choices.

- American Indian or Alaska Native
- ® Asian
- Black or African American
- D Hispanic or Latino
- Middle Eastern or North African
- D Native Hawaiian or Pacific Islander
- © White

VH240186

- 5. About how many books are there in your home?

 - ® Enough to fill one shelf (11-25)
 - © Enough to fill one bookcase (26-100)
 - © Enough to fill several bookcases (more than 100)

6. Do you have any of the following in your home? Select one answer choice on each row.

VR 190753

	Yes	No
a. Access to the Internet	Φ	(8)
b. Your own bedroom	0	(8)
c. A desktop or laptop computer (including Chromebooks) that you can use	0	(1)
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	•	(8)
e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use	©	(8)

VR953135

7. The following questions are about your parents or guardians.

A "parent or guardian" is someone who raises and takes care of and provides financial resources to support you.

If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

Who is your Parent or Guardian A?

- (A) Mother
- ® Father
- © Stepmother
- Stepfather
- Other relative
- D Foster mother or other female guardian
- © Foster father or other male guardian

Who is your Parent or Guardian B?

- (A) Mother
- ® Father
- © Stepmother
- Stepfather
- D Other relative
- D Foster mother or other female guardian
- © Foster father or other male guardian
- ⊕ I don't have a second parent or guardian.

8a.	Par	ent or Guardian "A"	VR611426
		w far in school did your [Parent or Guardian"A"] go?	
	(A)	Did not finish high school	
		Graduated from high school	
		Had some education after high school	
		Graduated from college	
		I don't know.	
	0	I don't know.	
	1000		VR611426
86.	Do	es your [Parent or Guardian "A"] work?	
	(1)	Yes	
	(B)	No	
	0	I don't know.	
			VR612366
9a.	Par	rent or Guardian"B"	
	Ho	w far in school did your [Parent or Guardian "B"]go?	
	(8)	Did not finish high school	
	B	Graduated from high school	
	0	Had some education after high school	
	0	Graduated from college	
	(I don't know.	
			VR612366
9b.	Do	es your [Parent or Guardian "B"]work?	
	(A)	Yes	
	®	No	

© I don't know.

10.	How many days were you absent from school in the last month?		VH240190
	(4)	None	
	®	1 or 2 days	
	0	3 or 4 days	
	0	5 to 10 days	
	(E)	More than 10 days	
11.	Las	t school year, did you attend the same school as this school year?	VR586648
	(3)	Yes	
	®	No	
12.	How often do you use the Internet for homework at home?		VH354591
	(3)	Never	
	®	About once or twice a month	
	0	About once or twice a week	
	0	Almost every day	
	(D)	Every day	
			VH240189
	How ami	often do you talk about things you have studied in school with someone in your y?	vH240189
	(A)	Never or hardly ever	

Once every few weeksAbout once a week

© Every day

Two or three times a week

14. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
a. I finish whatever I begin.	®	®	0	0	(Ē)
b. I try very hard even after making mistakes.	0	®	0	0	©
c. I keep working hard even when I feel like quitting.	0	®	0	Θ	©
d. I keep trying to improve myself, even when it takes a long time to get there.		©	0	Θ	©

VH733149

15. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
a. I like complex problems more than easy problems.	0	®	0	Θ	(E)
b. I like activities that challenge my thinking abilities.	0	(6)	0	Θ	©
c. I enjoy situations where I will have to think about something.	0	(6)	0	Θ	©
d. I enjoy thinking about new solutions to problems.	0	®	0	0	©

VR586626

16. How much does each of the following statements describe the teachers at your school this year?

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school
a. Teachers care about students.	0	®	0	0
b. Students feel comfortable talking with their teachers.	0	®	0	0
c. Teachers expect students to do well.	8	®	0	Φ
d. Teachers are available when students need them.	0	®	0	0
e. Teachers try to understand students' problems.	0	®	0	0
f. Teachers notice if students need help.	(4)	®	0	0
g. Teachers treat all students respectfully.	0	(8)	0	Θ

Appendix J1-21: Pilot Grade 12 – Sequence 1 (Core)

4. What is your race and/or ethnicity? Select **one or more** answer choices.

© Black or African American

Hispanic or Latino

Asian

© White

FourFive6 to 10

More than 10

American Indian or Alaska Native

Middle Eastern or North AfricanNative Hawaiian or Pacific Islander

VR858698

Select one answer choice on each row.		
	V	NT-
	Yes	No
a. Access to the Internet	®	®
b. Your own bedroom	⊗	®
c. A desktop or laptop computer (including Chromebooks) that you can use	®	(3)
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	(A)	B
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	®	(1)
f. Access to e-books (whether rented, purchased, or accessed through a subscription service)	®	(1)
6. How many digital devices with screens are there in your hor including televisions, computers, tablets, e-book readers, an		VR835485
There are no digital devices with screens.		
One		
© Two		
① Three		

(a)(b)(c)	The three in your home? Few (0–10) Enough to fill one shelf (11–25) Enough to fill one bookcase (26–100) Enough to fill several bookcases (more than 100)	VH240186
8. The	e following questions are about your parents or guardians.	VR797005
A "j reso You pare	parent or guardian" is someone who raises, takes care of, and provides financial ources to support you. I may have one parent or guardian, or more than one. If you have more than two ents or guardians, answer the questions for the two parents or guardians you spend most time with.	
Use	the drop-down menus to show your answers.	
Wh	o is your Parent or Guardian A?	
(A)	Mother	
B	Father	
0	Stepmother	
(1)	Stepfather	
(E)	Other relative	
(E)	Foster mother or other female guardian	
©	Foster father or other male guardian	
Wh	o is your Parent or Guardian B?	
(A)	Mother	
®	Father	
0	Stepmother	
(1)	Stepfather	
Œ	Other relative	
(E)	Foster mother or other female guardian	

© Foster father or other male guardian

9a.	Par	rent or Guardian "A"	VR797006
		w far in school did your [Parent or Guardian "A"] go?	
		Did not finish high school	
	®	Graduated from high school or obtained a diploma equivalent (for example, GED)	
	0	Had some education after high school	
	0	Graduated from college	
	(E)	Obtained a graduate degree	
		I don't know.	
01	Б		
90.		es your [Parent or Guardian"A"] work?	
		Yes	
		No	
	0	I don't know.	
100	Dar	rent or Guardian"B"	VR797007
Tua.		w far in school did your [Parent or Guardian "B"]go?	
		Did not finish high school Creducted from high school or obtained a diploma equivalent (for example CED)	
	®	Graduated from high school or obtained a diploma equivalent (for example, GED)	
		Had some education after high school	
		Graduated from college	
		Obtained a graduate degree	
	(D)	I don't know.	
10b.	Do	es your [Parent or Guardian "B"]work?	
	(A)	Yes	
	B	No	

© I don't know.

11. Do any of the following people live in your home? Select **one** answer choice on each row.

	Yes, one	Yes, more than one	No
a. Mother	(A)	(8)	0
b. Father	(A)	®	0
c. Sibling or other child besides you	OO (A)	®	0
d. Stepmother	O1 (A)	®	0
e. Stepfather	²²	®	0
f. Other relative	A (A)	®	0
g. Foster mother or other female guardian	O)7	®	0
h. Foster father or other male guardian	OS (A)	®	0
i. Other unrelated adult	(A)	®	0

VH240189

- **12.** How often do you talk about things you have studied in school with someone in your family?
 - Never or hardly ever
 - ® Once every few weeks
 - O About once a week
 - Two or three times a week
 - © Every day

VH354591

- 13. How often do you use the Internet for homework at home?
 - Never
 - About once or twice a month
 - About once or twice a week
 - Almost every day
 - © Every day

1	ЛD	Q	2	55	4	7

14.	Generative AI refers to a type of artificial intelligence technology that can generate text,
	images, and other content based on the data it was trained on.
	How familiar are you with generative AI tools?

- Not at all familiar
- ® A little familiar
- Somewhat familiar
- Quite familiar
- © Extremely familiar

15. This school year, how often have you used generative AI tools for any of the following tasks?

	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
vr835545 a. Generating art	(A)	®	0	0	(E)
b. Editing writing	®	®	0	0	(E)
c. Reviewing spelling and grammar	®	®	0	0	Œ
d. Translating languages	(A)	®	0	0	(E)
e. Organizing schedules	(A)	®	0	0	©
f. Answering homework questions	(A)	®	0	0	©
g. Preparing for exams	(A)	(B)	0	0	Œ
h. Researching new topics	(A)	®	0	0	Œ
i. Generating outlines for essays	(A)	(8)	0	0	©
j. Solving math problems	(A)	®	0	0	©
k. Other (Please specify):	®	®	0	0	(E)

16. During this school year, which of the following have you done? Select **one** answer choice on each row.

	Yes	No
a. Taken the SAT or ACT College Entrance Exams	®	•
b. Submitted the Free Application for Federal Student Aid (FAFSA)	(A)	•
c. Applied to a 2-year college	®	®
d. Been accepted to a 2-year college	(®
e. Applied to a 4-year college	•	•
f. Been accepted to a 4-year college	®	(8)
g. Applied to a certificate or diploma program at a school that provides occupational training (such as electrician, beautician, mechanic, computer programmer, etc.)		©
h. Been accepted to a technical training program	③	®
i. Talked with a military recruiter	®	(8)
j. Enlisted in the military	®	(8)
k. Applied for a full-time job	®	(8)
l. Been interviewed for a full-time job	®	•

17. How much does each of the following statements describe you? Select **one** answer choice on each row.

VR797016

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
VR799688					
a. I believe I can control my own future.	®	(8)	0	0	©
b. I try to do things that will help me get what I want in the future.	©	(1)	0	•	•
c. I am working hard now to have a good future.	®	(8)	0	0	©
d. I have a clear idea of what I want to do in the future.	®	®	0	0	©
e. I feel pressure from my family to follow a specific path (for example, go to college, work in the family business, learn a trade) after high school.	•	•	0	•	Φ
f. I worry that I am not prepared for life after high school.	®	®	0	0	©

18. How much does each of the following statements describe you? Select **one** answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
a. I finish whatever I begin.	®	®	0	0	©
b. I try very hard even after making mistakes.	®	®	0	Φ	©
c. I keep working hard even when I feel like quitting.	0	®	0	0	©
d. I keep trying to improve myself, even when it takes a long time to get there.		®	0	Φ	©

Appendix J1-22: Pilot Grade 12 – Sequence 2 (Core)

4. What is your race and/or ethnicity? Select **one or more** answer choices.

Black or African American

Hispanic or Latino

Asian

© White

FourFive6 to 10

More than 10

American Indian or Alaska Native

Middle Eastern or North African

D Native Hawaiian or Pacific Islander

VR858698

5. Do you have any of the following in your home?		VR835432
Select one answer choice on each row.		
	Yes	No
a. Access to the Internet	0	(8)
b. Your own bedroom	⊗	(8)
c. A desktop or laptop computer (including Chromebooks) that you can use	©	(3)
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	8	®
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	8	(8)
f. Access to e-books (whether rented, purchased, or accessed through a subscription service)	8	€
 How many digital devices with screens are there in your including televisions, computers, tablets, e-book readers, 		VR835485
There are no digital devices with screens.		
® One		
© Two		
① Three		

 7. About how many books are there in your home? ⑤ Few (0-10) ⑥ Enough to fill one shelf (11-25) ⑥ Enough to fill one bookcase (26-100) ⑥ Enough to fill several bookcases (more than 100) 	VH240186
8. The following questions are about your parents or guardians.	VR797005
A "parent or guardian" is someone who raises, takes care of, and provides financial resources to support you. You may have one parent or guardian, or more than one. If you have more than two parents or guardians, answer the questions for the two parents or guardians you spet the most time with.	
Use the drop-down menus to show your answers.	
Who is your Parent or Guardian A?	
Mother Mo	
® Father	
© Stepmother	
© Stepfather	
© Other relative	
© Foster mother or other female guardian	
© Foster father or other male guardian	
Who is your Parent or Guardian B ?	
Mother	
Tather	
© Stepmother	
© Stepfather	
© Other relative	
© Foster mother or other female guardian	
© Foster father or other male guardian	

9a.	Par	rent or Guardian "A"	VR977803
	Ho	w far in school did your [Parent or Guardian "A"] go?	
	(A)	Did not finish high school	
	®	Graduated from high school	
	0	Had some education after high school	
	0	Graduated from college	
	(E)	I don't know.	
			VR6977803
9b.	Do	es your [Parent or Guardian "A"] work?	
	(A)	Yes	
	®	No	
	0	I don't know.	
			VR977815
10a.	Par	rent or Guardian"B"	
	Ho	w far in school did your [Parent or Guardian "B"]go?	
	(A)	Did not finish high school	
	B	Graduated from high school	
	0	Had some education after high school	
	0	Graduated from college	
	(E)	I don't know.	
			VR977815
10b.	Do	es your [Parent or Guardian "B"]work?	
	(A)	Yes	
	B	No	
	0	I don't know.	

11. Do any of the following people live in your home? Select **one** answer choice on each row.

	Yes, one	Yes, more than one	No
a. Mother	(5488 (A	®	0
b. Father	(5) (5) (5) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	®	©
c. Sibling or other child besides you	ASS500	(8)	0
d. Stepmother	(5) (5) (5) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	(8)	©
e. Stepfather	(5) (A)	(8)	0
f. Other relative	(A)	(8)	0
g. Foster mother or other female guardian	(A)	(8)	©
h. Foster father or other male guardian	(5) (5) (5) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	®	0
i. Other unrelated adult	(A)	B	0

12.	How often do you talk about things you have studied in school with som	neone in your
	family?	

VH240189

- Never or hardly ever
- ® Once every few weeks
- About once a week
- Two or three times a week
- © Every day

13. Where did you attend each of the following grades? Select **one** answer choice on each row.

VR835530

		At my current school	At a different school	Part of the year at my current school and part at a different school
a. Grade 9	VR835531	®	®	0
b. Grade 10	VR835532	•	®	0
c. Grade 11	VR835533	®	®	0

14.	Wh	nen did you start attending your current school?	VR835540
	(A)	During the previous school year	
	B	At the start of this school year	
	0	After the start of this school year	
15.	Hov	w many days were you absent from school in the last month?	VH240190
	(A)	None	
	B	1 or 2 days	
	0	3 or 4 days	
	0	5 to 10 days	
	(E)	More than 10 days	
		16. In this school year, how often have you felt any of the following ways about your school?	VH271934
		Select one answer choice on each row.	

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VH271942					
 I felt awkward and out of place at school. 	(A)	®	0	0	(E)
v _{H271944} b. I felt happy at school.	®	®	0	0	©
c. I felt that I learned something that I can use in my daily life.	®	®	0	0	©

17.	Are you taking an art course this school year	r (for example	, drawing, pa	inting, or	studio
	art)?				

- A Yes
- ® No

18. How much does each of the following statements describe the teachers at your school this year?

Select one answer choice on each row.

	Not at all like the teachers at my school	A little bit like the teachers at my school	Somewhat like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school
a. Teachers care about students.	(8)	®	0	0	Œ
b. Students feel comfortable talking with their teachers.	0	®	0	0	©
c. Teachers expect students to do well.	0	®	0	0	€
d. Teachers are available when students need them.	•	®	0	0	©
e. Teachers try to understand students' problems.	®	®	0	0	©
f. Teachers notice if students need help.	•	®	0	Φ	©
g. Teachers treat all students respectfully.	0	®	0	0	€

VH733149

19. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
a. I like complex problems more than easy problems.	(A)	®	0	0	©
b. I like activities that challenge my thinking abilities.	®	(8)	0	0	©
c. I enjoy situations where I will have to think about something.	®	®	0	0	©
d. I enjoy thinking about new solutions to problems.	(A)	®	0	0	©

Appendix J1-23: Pilot Grade 4 (Mathematics)

			`	,	
11. In your math class this solution to a math pro		have you explai	ned in your own	words your	VR590413
Never					
® In some of the less	sons				
© In about half of th	e lessons				
In more than half	of the lessons				
© In all or almost all	of the lessons				
				VH267415	
12. This school year, how		ving things happen	in your math class	?	
Select one answer choi	ice on each row.				
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost of the time
VH588077 My teacher used computers or					
other digital devices when teaching math to my class.	®	(8)	0	Φ	(
VH267419					7
My teacher required us to use computers or other digital	@	®	0	Φ	©
devices to complete math assignments.					
13. How often do you use a	calculator?				VH336231
Never					
About once or twice	ce a year				
About once or twice	ce a month				
About once or twice	ce a week				
© Every day or almos	t every day				
14. How often do you use n	nath in everyday	life outside of scl	hool?		VH268936
Never					
About once or twice	ce a year				
About once or twice	ce a month				
About once or twice	e a week				

© Every day or almost every day

15.	How often do you receive help or tutoring for math outside of school, before school, or
	after school?

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

VR590288

16. Outside of school, how often did you do each of these activities in the last month? Select one answer choice on each row.

	Never	Once	Two or three times	Four or more times
a. Figure out how long you can still play if you have to stop at a given time	0	(8)	0	Θ
b. Determine if you have enough money to pay for something (for example, a gift for a friend or a book at a school book fair)	0	•	0	Θ
c. Compare two amounts of something to determine which one is greater	0	(6)	0	0
d. Figure out how many more pages you still have to read to finish a story or a chapter	0	(6)	0	Θ

VR590192

17. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Estimate the weight of 5 apples using pounds (lb)	0	®	0	0	Œ
b. Divide 42 stickers among 6 students	0	®	0	0	©
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	0	(9)	0	0	©
d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	0	•	0	•	Œ

18. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
v _{H844770} a. I enjoy doing math.	8	®	0	0	©
b. I look forward to my math class.	0	•	0	Θ	©
c. I am interested in the things I learn in math.	0	®	0	Θ	©
d. I think making an effort in math is worthwhile.	0	®	0	Φ	©
e. I think math will help me even when I am not in school.	0	®	0	Θ	©
f. I think it is important to do well in math.	0	®	0	Φ	©

VH845110

19. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my math class.	0	®	0	Θ	(
b. I want to master a lot of new skills in my math class.	0	•	0	Θ	Θ
c. I want to become better in math this year.	1	•	0	Θ	Θ
d. I want to understand as much as I can in my math class.	0	®	0	Θ	€

Appendix J1-24: Pilot Grade 8 (Mathematics)

VP600417

			VR60041
17.	Wha	at math classes are you taking this year?	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Sele	ect one or more answer choices.	
	(A)	Eighth-grade math	
	(B)	Introduction to algebra or pre-algebra	
	0	Algebra I	
	0	Geometry	
	(E)	Algebra II	
	(E)	Other math class (Please specify):	
			VR600420
18.	Wh	nat math classes do you expect to take next year?	
	Sel	ect one or more answer choices.	
	(A)	Basic or general math	
	B	Introduction to algebra or pre-algebra	
	0	Algebra I	
	0	Geometry	
	(E)	Algebra II	
	(F)	Integrated math	
	©	Other math class (Please specify):	
	(H)	I don't know.	
		VH336231	
19.	How	often do you use a calculator?	
		Never	
		About once or twice a year	
		About once or twice a month	
	0	About once or twice a week	

© Every day or almost every day

20. In your math class this year, how often have you used the following types of calculators? Select one answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. Basic calculator	®	®	©	0	(E)
b. Scientific (not graphing) calculator	<u> </u>	(B)	0	0	©
c. Graphing calculator	©	®	©	0	©

VH267415

21. This school year, how often did the following things happen in your math class? Select **one** answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. My teacher used computers or other digital devices when teaching math to my class.	0	•	0	Θ	Θ
b. My teacher required us to use computers or other digital devices to complete math assignments.	0	•	0	Θ	θ

VR590395

22. In your math lessons this year, how often do you do these things? Select one answer choice on each row.

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons
a. Use an equation or a graph to justify your answer	(A)	®	0	0	(:
vr.590398 b. Evaluate whether an equation or graph supports an answer	0	®	0	0	©.
c. Use an equation or a graph to help you choose which of two statements is true	®	(9)	0	0	©
d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	•	•	0	Θ	©
e. Adapt your ideas about how to solve a math problem based on another student's ideas	®	®	0	0	(1)

23.	In your math class this year, how often have you explained in your own words your solution to a math problem?								
	(A)	Never							
	®	D In some of the lessons							
	0	In about half of the lesson	ns						
	0	In more than half of the l	essons						
	(E)	In all or almost all of the	lessons						
24.	Hov	w often do you use math ir	n everyday life ou	itside of school?		VH268936			
	(A)	Never							
	B	About once or twice a year	ar						
	0	About once or twice a mo	onth						
	0	About once or twice a we	eek						
	(E)	Every day or almost every	y day						
25.	25. How often do you receive help or tutoring for math outside of school, before school, or after school? ② Never ③ About once or twice a year ③ About once or twice a month ① About once or twice a week ⑤ Every day or almost every day 26. Outside of school, how often did you do each of these activities in the last month? Select one answer choice on each row.								
			Never	Once	Two or three times	Four or more times			
	Use m		0	(8)	0	Φ			
		vrs90332 a decision based on the bility that something will occur	Ø	(8)	©	Φ			
	compl	vrs90335 ate how long it will take to lete a task if you know how long es to complete a portion of the	©	•	0	•			
		thow long you have to wait thing (for example, the end of							

27. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I enjoy doing math.	®	®	0	0	(E)
b. I look forward to my math class.	0	®	0	Θ	©
c. I am interested in the things I learn in math.	0	®	0	Θ	©
d. I think making an effort in math is worthwhile.	0	®	0	0	©
e. I think math will help me even when I am not in school.	0	®	0	Θ	®
f. I think it is important to do well in math.	•	®	0	Φ	©

VH845110

28. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my math class.	0	®	0	Φ	©
b. I want to master a lot of new skills in my math class.	0	®	0	Θ	©
c. I want to become better in math this year.		®	0	Θ	©
d. I want to understand as much as I can in my math class.	0	®	0	Φ	©

VR600400

29. How much do you like doing the following activities? Select one answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
a. Doing math with another student	0	®	0	Θ	€
b. Deciding if a mathematical conclusion is true or false	®	®	0	Θ	€
c. Showing why an answer is correct, using an equation, graph, or table	0	•	0	Θ	Θ
d. Finding multiple ways to solve a math problem	0	•	0	Θ	•
e. Using graphs or geometric figures to solve a math problem	0	®	0	Θ	€

30. How much do you like doing the following activities? Select one answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
a. Using words or an equation to write the rule for a number pattern	Θ	Θ	0	Θ	Θ
b. Finding similarities among different examples of mathematical ideas	0	(1)	0	0	Θ
c. Checking the solution to a math problem to see if it makes sense in real life	0	•	0	Θ	Θ
d. Using math to solve problems from the real world	0	•	Θ	Θ	•
e. Translating the solution to a word problem back to the real- life situation it came from	Θ	•	0	Θ	•
f. Applying results from one math problem to other problems or situations	0	Θ	0	θ	Φ

VR590192

31. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. List all of the different possible outcomes when a coin is flipped three times	®	®	0	Φ	©
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in <i>x</i> weeks	®	•	0	Φ	Φ
c. Determine a 20% tip for a \$55 restaurant dinner bill	®	®	0	0	©.
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	®	•	0	Φ	©
e. Give an example to show that a math statement is false	®	®	0	0	©
f. Explain to your classmate how you solved a math problem	0	®	0	0	©
g. Use correct mathematical words and symbols when showing your work	0	(9)	0	•	©.

Appendix J1-25: Pilot Grade 12 – Sequence 1 (Mathematics)

VR802309

19. Which courses have you taken from eighth grade to the present? If you have taken a course more than once, give the most recent year you took it. INCLUDE courses taken in summer school, but DO NOT INCLUDE topics that were only taught as part of a longer course (such as trigonometry taught in drafting class or computer programming taught in Algebra II).

	I have never taken this course.	I took this course in or before Grade 8.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I am taking or have taken this course in Grade 12.
a. Basic or general mathematics course	®	(0	Ф	0	©
b. Tech-prep mathematics, business mathematics, consumer mathematics, or other applied mathematics course	0	•	0	0	Ф	0
c. Introduction to algebra or pre-algebra course	®	•	0	0	•	•
d. Algebra I course	®	•	0	D	•	0
e. Geometry course, with or without trigonometry	®	®	0	Ф	©	Ф
f. Algebra II course, with or without trigonometry	®	•	0	0	0	©
g. Trigonometry (as a separate course)	6	®	0	Ф	©	©.
h. Pre-calculus course (also called introductory analysis)	®	•	0	Φ	Œ	Ø
i. Calculus course	®	•	0	Ф	Ð	•
j. Probability and/or statistics course	®	®	0	Ф	©	ø.
k. Integrated mathematics course	8	®	0	Ф	Œ	Ø

	I have never taken this course.	I took this course in or before Grade 8.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I am taking or have taken this course in Grade 12.
l. Computer programming course (for example, Java, Python, etc.)	®	•	0	0	Φ	0
m. Computer science course	®	•	0	0	Θ	Θ
n. Data science course	®	•	0	0	•	0
o. Other mathematics course (Please specify):	0	•	0	0	0	0

20. Are you currently enrolled in or have you taken any Advanced Placement [®] (AP) course in mathematics or computer science?	VRR35815
© Yes	
® No	
21. Are you currently enrolled in or have you taken any of the following Advanced Placement [®] (AP) courses?	VR835817
Select one or more answer choices.	
AP Precalculus	
AP Calculus AB	
AP Calculus BC	
AP Statistics	
AP Computer Science Principles	
AP Computer Science A	
Other AP course in mathematics or computer science (Please specify):	
No, I have not taken any of the courses listed above.	
22. Are you currently taking a mathematics course?	VH240051
Yes	
® No	
23. This school year, how often did the following things happen in your math class? Select one enswer choice on each row.	

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. My teacher used computers or other digital devices when teaching math to my class.	0	•	0	0	Θ
b. My teacher required us to use computers or other digital devices to complete math assignments.	0	•	©	•	•

24. In your math class this year, how often have you used the following types of calculators? Select **one** answer choice on each row.

		Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. Basic calculator	VR802386	®	•	0	0	Θ
b. Scientific (not graphing) calculator	VR802387	0	•	0	0	Θ
c. Graphing calculator	VR802388	®	(8)	©	0	Θ

VR83587

25. In your math class this year, how often have you used the following types of graphing calculators?

Select one answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. A handheld graphing calculator without a computer algebra system (non-CAS, for example, TI-84)	0	•	0	Θ	θ
b. A handheld graphing calculator with a computer algebra system (CAS, for example, TI Nspire CAS, HP Prime)	0	(3)	0	0	Φ
c. An online graphing calculator (for example, Desmos, GeoGebra)	©	®	0	0	θ
d. A graphing calculator in a smartphone calculator app	0	•	0	0	0

VR802314

26. In your math class this year, how often do you do the following? Select one answer choice on each row.

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons
VR802345					
Use an equation or a graph to justify your answer	®	(3)	0	0	Φ
VR802346				-	
b. Evaluate whether an equation or graph supports an answer	③	(1)	0	0	0
VR802347					
c. Use an equation or a graph to help you choose which of two statements is true	(A)	•	0	0	Φ
VR802349					
d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	③	•	0	0	Φ
VR802350					
e. Adapt your ideas about how to solve a math problem based on another student's ideas	•	•	0	0	Φ

27. In this school year, how often have you used a computer or other digital device (excluding handheld calculators) to look online for resources for help with your math assignments?			
	(1)	Never	
	(11)	About once or twice a year	

- 28. How often do you use math in everyday life outside of school?
 - Never
 - About once or twice a year

O About once or twice a month About once or twice a week D Every day or almost every day

- O About once or twice a month
- About once or twice a week
- D Every day or almost every day

29. How often do you do each of the following activities outside of school? Select one answer choice on each row.

VR836005

	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
VR802365					
Talk about math problems with your friends	(A)	(1)	0	Ф	Ф
b. Write code	®	®	0	•	©
c. Program computers	®	®	0	0	Ð
d. Create programs for devices or applications (for example, 3-D printers, robots, mazes, or games)	@	•	0	0	Ф
e. Go to websites for help with your math homework	⊗	•	©	•	Ф

30. How much do you enjoy doing the following activities? Select **one** answer choice on each row.

	Do not enjoy at all	Enjoy a little bit	Enjoy somewhat	Enjoy quite a bit	Enjoy a lot
VR835900					
 Solving equations or simplifying expressions 	®	•	0	Φ	Φ
b. Constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)	⊗	•	0	Ф	Θ
c. Doing math with another student	0	(6)	0	Ф	Φ
d. Explaining why you agree with how another student solved a math problem	0	•	0	Ф	0
e. Showing why an answer is correct, using an equation, graph, or table	®	•	0	Ф	Θ
f. Using math to solve problems from the real world	0	•	0	•	Φ
g. Finding multiple ways to solve a math problem	0	•	0	Φ	Φ
h. Learning math online	®	®	0	Ф	Ф

31. Outside of school, how often did you do each of these activities this school year? Select one answer choice on each row.

	Never	Once	Two or three times	Four or more times
VR802370				
Use math in a conversation with a friend	⊗	•	0	0
VR802371				
 Compare the volumes of different containers (for example, bottles or cans of beverages) 	⊗	•	0	0
VR836022				
c. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task	®	•	©	(D)
VR802375				
d. Estimate how long you have to wait for something (for example, the end of a game)	®	•	0	Φ
VR836024				
e. Estimate the price of a product on sale when you know the regular price and the discount	(3)	•	0	0
VR802372				
f. Make a decision based on the probability that something will occur	(3)	(3)	0	0
VR802373				
g. Determine how long the contents of a container will last if used at a constant rate	⊗	•	0	•
VR836025				
h. Compare two figures to see which one has the greater area	®	•	0	0
VR836026				
Make a budget including different expenses for different items	(8)	•	0	0
VR836028				
j. Calculate your share of a bill when you are eating out with friends	⊗	•	0	0

Appendix J1-26: Pilot Grade 12 – Sequence 2 (Mathematics)

VR835727

20. Which courses have you taken from eighth grade to the present? If you have taken a course more than once, give the most recent grade you took it. INCLUDE courses taken in summer school and count them toward the following grade, but DO NOT INCLUDE topics that were only taught as part of a longer course (such as trigonometry taught in drafting class or computer programming taught in Algebra II).

	I have never taken this course.	I took this course in Grade 8 or before.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I am taking or have taken this course in Grade 12.
a. Basic or general mathematics	®	®	0	0	Φ	•
b. Introduction to algebra or pre-algebra	0	®	0	0	Ð	0
vr.835731 c. Algebra I	Ø	•	0	© O	Φ	©
d. Geometry, with or without trigonometry	⊕	130	0	0	Φ	•
e. Algebra II, with or without trigonometry	0	®	0	0	Φ	•
f. Trigonometry (as a separate course)	®	®	0	0	Œ	©
g. Pre-calculus (also called introductory analysis)	(3)	•	0	0	Φ	0
h. Calculus	0	®	0	0	Φ	•
i. Probability and/or statistics	®	®	0	0	Ð	•
j. Computer programming (for example, Java, Python, etc.)	0	®	0	0	Φ	Φ
k. Computer science	®	130	0	0	Φ	•
VRR35743 l. Data science	®	®	0	0	Ð	•
m. Business mathematics, consumer mathematics, or other applied mathematics	0	Φ	θ	0	Θ	ø
n. Other mathematics course (Please specify):	®	®	0	0	Φ	0

W				

- 21. Have you ever taken an Integrated Mathematics course? Integrated Mathematics courses typically combine algebra and geometry in a sequence extending several years instead of offering each of those courses separately.
 - @ Yes
 - ® No

22. Which of the following Integrated Mathematics courses have you taken from eighth grade to the present? If you have taken a course more than once, give the most recent year you took it. INCLUDE courses taken in summer school and count them toward the following grade.

VR837162

Select one answer choice on each row.

	I have never taken this course.	I took this course in Grade 8 or before.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I am taking or have taken this course in Grade 12.
a. Integrated Mathematics 1 (first year of a multi-year sequence)	0	®	0	0	θ	θ
b. Integrated Mathematics 2 (second year of a multi- year sequence)	0	®	0	Φ	©	Φ
c. Integrated Mathematics 3 (third year of a multi-year sequence)	0	®	0	0	©	Φ
d. Integrated Mathematics 4 (fourth year of a multi-year sequence)	0	®	0	0	©	Φ

VR802845

23. Are you currently enrolled in or have you taken any of the following Advanced Placement[®] (AP) courses?

Select one or more answer choices.

- Yes, I am enrolled in or have taken Advanced Placement (AP) Precalculus.
- (AP) Calculus AB.
- Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus BC.
- Yes, I am enrolled in or have taken Advanced Placement (AP) Statistics.
- Yes, I am enrolled in or have taken Advanced Placement (AP) Computer Science Principles.
- D Yes, I am enrolled in or have taken Advanced Placement (AP) Computer Science A.
- Ses, I am enrolled in or have taken other Advanced Placement (AP) courses in mathematics or computer science (Please specify):______
- ® No, I have not taken any of the courses listed above.

24.		you currently enrolled in or have you taken an International Baccalaureate® (IB) nematics course?	VH240048
	(A)	Yes	
	®	No	
			VH240049
25.		you currently enrolled in or have you taken any online mathematics courses for school or college credit?	
	(1)	Yes	
	®	No	
26.		you currently enrolled in or have you previously taken a mathematics course for a high school and college credit, sometimes called a dual enrollment course?	VR835821
	(A)	Yes, online	
	(B)	Yes, in person	
	0	Yes, online and in person	
	0	No	
			VH240050
27.		there a mathematics course that you would have liked to have taken this school but did not take?	
	(A)	Yes, but my school does not offer the course.	
		Yes, but the course was full.	
	0	Yes, but I did not have the necessary prerequisites.	
	0	Yes, but my schedule was full.	
	1	No, there was no other course that I wanted to take.	
28.	Are	you currently taking a mathematics course?	VH240051
	(A)	Yes	
	(B)	No	

29.	In your math class this year, how often have you explained in your own words your
	solution to a math problem?
	(A) Never

In some of the lessons

In about half of the lessons

D In more than half of the lessons

In all or almost all of the lessons

30. In your math class this year, how often have you used the following types of calculators (for example, a handheld calculator, cell phone, or online calculator)?

Select one answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. Basic calculator	9057	®	0	0	©
b. Scientific (not graphing) calculator	9059	®	0	0	©
c. Graphing calculator	9058	®	0	0	(E)

VR835874

VR969056

31. In your math class this year, how often have you used the following types of graphing calculators?

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. A handheld graphing calculator without a computer algebra system (non-CAS, for example, TI-84)	0	(3)	0	0	•
b. A handheld graphing calculator with a computer algebra system (CAS, for example, TI Nspire CAS, HP Prime)	Φ	(3)	0	0	Φ
c. An online graphing calculator (for example, Desmos, GeoGebra)	0	®	0	0	©
d. A graphing calculator in a smartphone calculator app	0	®	0	0	©

32. How often do you receive help or tutoring for math outside of your math class?										
(A)	Never									
(B)	About once or twice	a year								
0	About once or twice a month									
0	About once or twice a week									
(Every day or almost	every day								
						VR853314				
33. Wh	o provides the help or	tutoring for ma	ath that you rec	ceive outside of	your math clas	ss?				
Sele	ect one or more answe	er choices.								
(1)	A math teacher or sp	ecialist at my s	chool, in perso	n or virtually						
(B)	A human tutor, in pe	erson or virtuall	у							
0	A family member or	friend, in perso	n or virtually							
	Online videos	*								
	An AI tool (for exam	nle a chathat)								
(D)	Other (Please specify	7):								
	34. How much does each o	of the following star	tements describe v	ou?	VH845110					
	Select one answer choi		,							
		N 11 121	A little bit like	Somewhat like	Quite a bit like	n 1 11				
	VH845117	Not at all like me	me	me	me	Exactly like me				
	t to learn as much as ole in my math class.	0	(8)	0	0	©				
	t to master a lot of new in my math class.	3	(8)	0	0	©				
c. I want	t to become better in math ear.	8	(8)	0	0	©				
	VH845118				-					

(13)

0

0

1

d. I want to understand as much as I can in my math class.

(3)

35.	Hov	w much do you enjoy solving equations or simplifying expressions?	VR835907
	(A)	Not at all	
	®	A little bit	
	0	Somewhat	
	0	Quite a bit	
	(D)	Very much	
36.		w much do you enjoy constructing and building different types of graphs (for imple, bar graph, line graph, or box and whisker plots)?	VR835908
	(A)	Not at all	
	(1)	A little bit	
	0	Somewhat	
	0	Quite a bit	
	1	Very much	
37.	Hov	w much do you enjoy doing math with another student?	VR835909
	(A)	Not at all	
	(B)	A little bit	
	0	Somewhat	
	0	Quite a bit	
	(E)	Very much	
38.		w much do you enjoy explaining why you agree with how another student solved a	VR835910
		Not at all	
		A little bit	
	(e)	Somewhat	
	0		
	(1)	Quite a bit	

© Very much

8.7	ю	o	24	œ	72
v	n	a.	33	Э.	14

39.	Ho tab	w much do you enjoy showing why an answer is correct, using an equation, graph, or le?	VK833972
	(A)	Not at all	
	(B)	A little bit	
	0	Somewhat	
	0	Quite a bit	
	(Very much	
40.		w much do you enjoy using math to solve problems from the real world?	VR835973
	(8)	Not at all	
	®	A little bit	
	0	Somewhat	
	0	Quite a bit	
	(E)	Very much	
41.	Hov	w much do you enjoy finding multiple ways to solve a math problem?	VR835974
	(1)	Not at all	
	®	A little bit	
	0	Somewhat	
	0	Quite a bit	
	(E)	Very much	
			VR835975
42.		v much do you enjoy learning math online?	
		Not at all	
	(11)	A little bit	
	0	Somewhat	
	0	Quite a bit	
	(D)	Very much	

43. How much does each of the following statements describe you? Select **one** answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
vнтз1853 a. I enjoy doing math.	0	B	0	0	Œ
b. I look forward to my math class.	®	®	0	0	©
c. I am interested in the things I learn in math.	Φ	®	0	0	Œ
d. I think making an effort in math is worthwhile.	Φ	®	0	0	Œ
e. I think math will help me even when I am not in school.	0	®	0	0	Œ
f. I think it is important to do well in math.	Φ	®	0	0	Œ
g. I take mathematics because it will help me in the future.	0	®	0	0	Œ
h. I take mathematics to meet my high school graduation requirements.	0	®	0	0	Œ

VH61352

44. Thinking about math, do you think that you would be able to do each of the following? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH460398					
a. Decide if your classmate's math work is correct	0	®	0	0	Œ
VH460399					
b. Give an example to show that a math statement is false	®	®	0	0	©
VH460910					
c. Explain to your classmate how you solved a math problem	0	®	0	0	Œ
VH460902					
d. Use correct mathematical words and symbols when showing your work	®	®	0	0	©
VH460912					
e. Use definitions of geometric shapes to support an argument	◎	®	©	0	(D)

45. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems.

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VR802352					
a. Find an expression that represents the average number of miles a person runs in a week if they run 100 miles in <i>x</i> weeks	•	•	0	Φ	©
b. Calculate a 15% tip for a \$20 haircut	0	®	0	0	©
c. Describe the properties shared by every isosceles right triangle	0	®	0	0	(
d. Determine the total amount you have if \$100 is saved for 5 years at an interest rate of 5% compounded annually	0	®	0	0	©
e. Find how long it takes for a ball that is thrown straight up from the ground with a velocity of 10 m/s to reach the ground again	0	•	0	0	©

d.	you have if \$100 is saved for 5 years at an interest rate of 5% compounded annually	0	(8)	0	0	©
e.	Find how long it takes for a ball that is thrown straight up from the ground with a velocity of 10 m/s to reach the ground again	®	®	©	©	®
46	 How often do you play digames) outside of school Never About once or twice 	that involve ma		, video games, o	r computer	VH460329
	 About once or twice 	a month				
	About once or twice	a week				
	© Every day or almost	every day				
47.	Have you ever participate Yes No	ed in a math stu	ıdy group outsi	de of school?		VH460923
48.	Over the past seven days, outside of school? Enter the number of days		vs have you par	rticipated in a r	nath study gro	VH460925 up

Appendix J1-27: Pilot Grade 4 (Reading)

11. Think about the last to the topic?	pic that you rea	d about on this to	est. How interes	ted were you in	VR591075
Not at all					
A little bit					
© Somewhat					
Quite a bit					
© Very much					
I don't remember.					
12. When you read for you things?		arts class, how ofte	en do you do the fol	VR590942 lowing	
Select one answer choi	ce on each row.				
	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost alway
Read the text again when you don't understand something	®	®	©	Φ	©
Look at the text to help you answer questions	0	(8)	0	•	©
Think about what you already know about the topic	®	®	0	Φ	Œ
Have your own opinions about the text	0	®	0	Φ	Œ
Use other words to figure out the meaning of a word	(3)	®	©	Φ	©
13. How often does your to	eacher ask you t	o discuss new or	difficult vocabu	ılary?	VH332853
Never					
About once or twi	ce a year				
About once or twi	ce a month				
About once or twi	ce a week				
© Every day or almo	st every day				
14. For school this year, how something that you hav		vork in pairs or s	small groups to t	alk about	VH332862
Never					
About once or twice	e a year				
About once or twice					
About once or twice	e a week				

© Every day or almost every day

15.		school this year, how often do you have a class discussion about something that the is has read?	VH332871
	(A)	Never	
	(B)	About once or twice a year	
	0	About once or twice a month	
	0	About once or twice a week	
	(E)	Every day or almost every day	
16.		school this year, how often have you been asked to write long answers (several tences or paragraphs) to questions on tests or assignments that involved reading?	VH588774
	(A)	Never	
	®	Once	
	0	Two or three times	
	0	Four or five times	
	(E)	More than five times	
		. 11	VR591015

17. Does your teacher give you class time to read for fun?

YesNo

111

18.	How much time do you usually spend reading for fun outside of school?	VR591010
	Less than 15 minutes a day	
	15 to 30 minutes a day	
	© 31 minutes to 1 hour a day	
	More than 1 hour a day	
	© I don't read for fun.	
19.	In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)?	VH853176
	② Never	
	About once or twice a year	
	About once or twice a month	
	About once or twice a month About once or twice a week	
	© Every day or almost every day	
20.	Are you able to get reading materials outside of school?	VR591084
	Yes	
	® No	
		VH332820
21.	How often do you receive help from a tutor, family member, or friend with English/language arts outside of school or after school?	VII.32820
	Never 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

22. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Figure out the meaning of a word you don't know by using other words in the text	0	Θ	0	Φ	©
b. Explain the meaning of something you have read	0	®	0	0	©
c. Figure out the main idea of a text	0	(6)	0	0	©
d. Find text in a reading passage to help you answer a question on a test	0	•	0	0	©.
e. Recognize when you don't understand something you are reading	0	•	0	0	©
f. Recognize the difference between fact and opinion in a text	0	Θ	0	Φ	©

23. How much does each of the following statements describe you? Select one answer choice on each row. VH844081

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my English/language arts class.	0	•	0	0	•
b. I want to become a better reader this year.	0	®	0	0	©
c. I want to understand as much as I can in my English/language arts class.	0	9	Θ	Φ	•
d. I want to master a lot of new English/language arts skills in my class.	0	•	Θ	0	Φ

24. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. Reading is one of my favorite activities.	0	®	0	Θ	©
b. I think reading is important.	0	®	0	0	©

Appendix J1-28: Pilot Grade 8 (Reading)

VR590984

17.	Think about the last topic that you read about on this test. How familiar were you with
	that topic before taking this test?

- Not at all
- ® A little bit
- Somewhat
- D Quite a bit
- D Very much
- D I don't remember.

VR591075

- 18. Think about the last topic that you read about on this test. How interested were you in the topic?
 - Not at all
 - ® A little bit
 - Somewhat
 - Quite a bit
 - © Very much
 - D I don't remember.

VH332887

 $19.\,$ For your English/language arts class this year, how often do you do each of the following?

Select one answer choice on each row.

	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
a. Have a class discussion about something that the whole class has read	0	•	0	0	•
b. Work in pairs or small groups to talk about something that you have read	•	•	0	0	•

- 20. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved reading?
 - Never
 - ® Once
 - Two or three times
 - D Four or five times
 - (1) More than five times

21. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following?

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Evaluate the main evidence in a persuasive/argument passage	0	®	0	0	©
b. Analyze the author's organization of information in a passage	0	®	0	Θ	Φ

VR590942

22. When you read for your English/language arts class, how often do you do the following things?

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Read the text again when you don't understand something	®	(6)	0	•	Œ
b. Look at the text to help you answer questions	0	®	0	0	©
c. Think about what you already know about the topic	0	(9)	0	0	©
d. Have your own opinions about the text	0	(9)	0	0	©
e. Use other words to figure out the meaning of a word	@	(8)	0	0	©

VH333074

23. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following?

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Summarize the passage	0	(B)	0	0	©
b. Interpret the meaning of the passage	0	6	0	Θ	©
c. Question the motives or feelings of the characters	0	(6)	0	Θ	©
d. Identify the main ideas of the passage	0	(6)	Θ	Θ	©
e. Identify the themes of the passage	0	®	0	0	©

VR591015

- 24. Does your teacher give you class time to read for fun?
 - Yes
 - ® No

25.	Hov	v much time do you us	sually spend rea	ding for fun ou	tside of school?		VR591010
		Less than 15 minutes					
		15 to 30 minutes a da					
		31 minutes to 1 hour					
		More than 1 hour a da					
		I don't read for fun.	-/				
26.	26. In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)?						
	(1)	Never					
	(B)	About once or twice	a year				
	0	About once or twice	a month				
	0	About once or twice	a week				
	(E)	Every day or almost	every day				
27.		you prefer to read tex ading for fun?	ts on paper (pri	nted texts) or o	n a screen (digit	al texts) when	VR591062
	(A)	Print					
	(B)	Digital					
	0	I don't have a prefere	ence.				
	0	I don't read for fun.					
							VR591084
28.	Ar	e you able to get readi	ng materials or	utside of school	1?		,,,,,,,,,
	(A)	Yes					
	(B)	No					
		29. How often do you typic	•	he following outsid	e of school (print o	r online)?	5
		Select one answer choi	ce on each row.				
			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
2 0	Storie	vH261066	®	®	0	0	©
	E-mai	VH261074	@	®	©	0	©

		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
a. Stories or novels	VH261066	0	®	0	0	©.
b. E-mails	VH261074	®	®	0	0	©
c. Text messages	VH261075	®	®	0	0	©

30.	How often do you receive help from a tutor, family member, or friend with
	English/language arts outside of school or after school?

- Never
- About once or twice a year
- O About once or twice a month
- About once or twice a week
- © Every day or almost every day

31. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.

1/112/00 17

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Figure out the meaning of a word you don't know by using other words in the text	0	(8)	0	•	©
b. Explain the meaning of something you have read	0	®	0	0	Œ
c. Figure out the main idea of a text	0	®	0	0	©
d. Find text in a reading passage to help you answer a question on a test	0	©	0	Φ	©
e. Recognize when you don't understand something you are reading	0	(9)	0	0	©
f. Recognize the difference between fact and opinion in a text	0	(9)	0	Φ	©
g. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	0	©	0	0	©
h. Use evidence from a text to support my answer	®	•	0	0	©

32. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my English/language arts class.	Θ	©	0	Θ	©
b. I want to become a better reader this year.	0	®	0	0	©
c. I want to understand as much as I can in my English/language arts class.	0	6	0	Θ	©.
d. I want to master a lot of new English/language arts skills in my class.	0	®	0	Φ	©

33. How much does each of the following statements describe you? Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. Reading is one of my favorite activities.	0	®	0	Φ	©
b. I like talking about books with other people.	0	®	0	0	©
vH844172 c. I think reading is important.	@	®	0	0	©
d. I enjoy going to a bookstore or a library.	0	®	0	0	©
e. I enjoy finding things to read online.	@	(8)	0	0	©

Appendix J1-29: Pilot Grade 12 – Sequence 1 (Reading)

VR796723

19.	Think about the last topic that you read about on this test. How familiar were you with	VR/967.
	that topic before taking this test?	

- Not at all familiar
- ® A little familiar
- Somewhat familiar
- Quite familiar
- O Very familiar
- D I don't remember.

VR796731

- **20.** Think about the last topic that you read about on this test. How **interested** were you in what you read about?
 - Not at all interested
 - ® A little interested
 - Somewhat interested
 - Quite interested
 - D Very interested
 - D I don't remember.

VR834997

21. When you read for your English/language arts class, how often do you do the following? Select **one** answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Connect what you read to your personal experiences	®	®	0	•	•
b. Think about what you already know about the topic	®	®	0	Φ	©
c. Ask yourself questions about the text before you read	0	(8)	0	•	©
d. Evaluate an author's purpose or intentions in writing the text	0	®	0	0	©
e. Analyze the author's craft	⊗	(8)	0	0	©
f. Use what you read to help you in new situations outside of class	0	©	0	Φ	•

22. When you read for your English/language arts class, how often do you do the following? Select **one** answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Read the text again when you don't understand something	0	(3)	0	0	©
b. Look at the text to help you answer questions	0	(8)	0	Θ	Φ
c. Highlight or underline text	⊗	(8)	0	0	©
d. Take notes	<u> </u>	(8)	0	0	©
e. Locate information in the text to support an answer	0	(8)	0	Θ	0
f. Compare two or more sources (for example, texts, videos, infographics)	0	(3)	0	Φ	©
g. Evaluate the evidence the author uses to support their claims	©	©	0	Φ	©
h. Evaluate how well the text is written (for example, vocabulary choices, sentence structure)	0	(3)	0	Φ	Φ
i. Use things like pictures, videos, or links in the text to help you understand the text	0	(3)	0	©	©.
j. Use information from the text to write something new	8	(8)	0	0	©

VH332887

23. For your English/language arts class this year, how often do you do each of the following?

Select one answer choice on each row.

	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
a. Have a class discussion about something that the whole class has read	®	•	0	Φ	©
b. Work in pairs or small groups to talk about something that we have read	•	•	0	•	©
c. Discuss different interpretations of what we have read	®	(3)	0	•	(E)

24. For your English/language arts class so far this year, how many times have you done each of the following?

Select one answer choice on each row.

	Never	Once	2 or 3 times	4 or 5 times	6 or more times
a. Made a presentation to the class about something that you have read	®	Φ	0	Θ	0
b. Done a project about something that you have read (for example, written a play, created a website)	®	Φ	0	θ	Φ
c. Written a paper or essay about something that you have read	(A)	®	0	Φ	©

VH598636

- **25.** On a typical school day, how much time do you use a computer or other digital device to do your **English/language arts** schoolwork?
 - Less than 30 minutes
 - About 30 minutes
 - O About 1 hour
 - About 2 hours
 - D About 3 hours
 - D 4 or more hours

VR835088

26. How often do you typically read each of the following types of texts for enjoyment? Select **one** answer choice on each row.

	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
a. Literature (for example, stories or novels, poems, plays, graphic novels)	③	(1)	0	0	0
b. Science-related texts (for example, scientific articles or science websites, blogs, raw data, journals, handbooks, social media)	(20)	(3)	0	Φ	©
c. Social studies-related texts (for example, newspaper articles, biographies, speeches, diaries, social media)	®	(3)	0	0	(E)

VH260906

27. How often do you use the following when reading for enjoyment outside of school? Select one answer choice on each row.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day
a. Texts on paper (for example, printed books, magazines)	0	®	0	0	©
b. A desktop or laptop computer (including Chromebooks)	0	®	0	0	©
c. A tablet (for example, Surface Pro, iPad)	0	(8)	0	0	©
d. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel)	0	(3)	0	0	©.

28. How often do you typically do each of the following things outside of school?
Select one answer choice on each row.

	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
a. Talk about books (print or online) with other people	®	®	0	0	©
b. Go to my local library to borrow books (print or online)	®	•	0	0	Œ
c. Use social media	®	(8)	0	0	©
d. Help friends with homework	®	•	0	0	©

29. This school year, how often have you received help with English/language arts outside of your English/language arts class?

VR796734

- Never
- About once or twice a year
- O About once or twice a month
- About once or twice a week
- © Every day or almost every day

30. How often do you typically do each of the following **outside of school**? Select **one** answer choice on each row.

	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
a. Talk about books with other people	0	(8)	0	0	©
b. Go to my library to access reading materials (for example, books, magazines)	0	(9)	0	Φ	θ
c. Access digital reading materials (for example, articles on websites, blogs)	Θ	(3)	0	Φ	Θ

VH844081

31. How much does each of the following statements describe you? Select **one** answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. I want to learn as much as possible in my English/language arts class.	0	®	0	0	©
b. I want to become a better reader this year.	0	®	0	0	©
c. I want to understand as much as I can in my English/language arts class.	0	•	0	0	•
d. I want to master a lot of new English/language arts skills in my class.	0	(9)	0	0	©

VR796732

- **32.** Besides doing homework, about how much time do you typically spend reading outside of school?
 - Less than 30 minutes a day
 - About 30 minutes a day
 - O About 1 hour a day
 - About 2 hours a day
 - About 3 hours a day

33. How much does each of the following statements describe you? Select **one** answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
a. Reading is one of my favorite activities.	0	®	0	0	0
b. I enjoy listening to audiobooks.	8	(8)	0	0	©
c. I like talking with other people about things I read.	0	®	0	0	©
d. I think reading is important.	8	®	0	0	•
e. I enjoy going to a bookstore or library to find things to read.	8	(8)	0	0	©
f. I like reading online (for example, e-books, articles, social media).	8	•	0	•	•

Appendix J1-30: Pilot Grade 12 – Sequence 2 (Reading)

VR796723

20.	Think about the last topic that you read about on this test. How familiar were you with
	that topic before taking this test?

- Not at all familiar
- A little familiar
- © Somewhat familiar
- Quite familiar
- © Very familiar
- D I don't remember.

VR796731

- **21.** Think about the last topic that you read about on this test. How **interested** were you in what you read about?
 - Not at all interested
 - A little interested
 - © Somewhat interested
 - Quite interested
 - Very interested
 - D I don't remember.

VH260254

22. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following?
Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Evaluate the main evidence in a persuasive/argument passage	®	(8)	0	•	©
b. Analyze the author's organization of information in a passage	Θ	®	0	Θ	Θ
c. Critique the author's craft or technique	(4)	®	0	Θ	©

 ${\bf 23.}\ \ {\rm In\ your\ English/language\ arts\ class\ this\ year,\ when\ reading\ a\ story,\ article,\ or\ other\ passage,\ how\ often\ does\ your\ teacher\ ask\ you\ to\ do\ the\ following?}$

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
a. Summarize the passage	®	®	0	0	©
b. Interpret the meaning of the passage	®	(8)	0	0	©
c. Question the motives or feelings of the characters	®	®	0	0	©
d. Identify the main ideas of the passage	®	8	0	0	©
e. Identify the themes of the passage	®	®	0	0	©
f. Analyze two or more texts on the same topic	®	®	0	0	©

VR796736

 ${\bf 24.}\ \ {\bf This\ school\ year,\ how\ often\ have\ your\ teachers\ provided\ you\ with\ reading\ materials\ that\ do\ each\ of\ the\ following?}$

Select one answer choice on each row.

	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
a. Contain characters that I can relate to	(A)	(8)	0	0	©
b. Relate to my interests	(A)	®	0	0	©
c. Represent types of texts I would also read outside of school	(A)	®	0	0	©
d. Relate to my own experiences	A	®	0	0	(E)

25. This school year, how often does your English/language arts teacher do the following? Select **one** answer choice on each row.

	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
VR798819					
a. Encourage me to read outside of school	(A)	®	0	0	Œ
VR798820					
b. Talk about something they have been reading outside of school	(A)	®	0	0	(
VR798821					
c. Encourage me to keep track of what I read (for example, with a reading log, app)	(A)	®	©	0	©
VR798822					
d. Recommend things to read for enjoyment based on my interests	(A)	(3)	0	•	©.
VR798823					
e. Help me apply what I have read to real-world situations	(A)	(8)	0	0	(
VR835148					
f. Encourage me to talk about what I read with others	(A)	(8)	0	0	©

26	In this school year, how often do you access print or digital reading materials from your	VR796726
_0.	school (for example, from a classroom library, school library, media center, learning	
	management system)?	

- 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

27. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved reading?

- Never
- ® Once
- Two or three times
- Four or five times
- More than five times

28.	Are you currently enrolled in or have you taken an Advanced Placement® (AP) course in English/language arts?				
	Sele	ect one or more answer choices.			
	(A)	Yes, I am enrolled in or have taken Advanced Placement (AP) English Language and Composition.			
	(B)	Yes, I am enrolled in or have taken Advanced Placement (AP) English ${\bf Literature}$ and Composition.			
	0	No, I have never taken an Advanced Placement (AP) English/language arts course.			
			VH240006		
29.		you currently enrolled in or have you taken the International Baccalaureate® (IB) guage A1 course?			
	(A)	Yes			
	(B)	No			
20	Амо	you currently enrolled in or have you taken any online English/language arts	VH240007		
		rses for high school or college credit?			
	A	Yes			
	B	No			
			VR835152		
		you currently enrolled in or have you previously taken a dual-enrollment course for high school and college credit in English/language arts?	14 (00)		
	(A)	Yes, online			
	(B)	Yes, in person			
	0	Yes, online and in person			
	0	No			
32.		you prefer to read texts on paper (printed texts) or on a screen (digital texts) when ding for enjoyment?	VR796729		
	(A)	Print			
	B	Digital			
	0	I don't have a preference.			
	0	I don't read for enjoyment.			

33. How often do you typically read each of the following outside of school (print or online)? Select one answer choice on each row.

	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
a. Stories or novels	©	®	0	0	©.
b. Poems	O67	®	0	0	©
c. Plays	O68	®	©	•	©
d. Biographies	043	®	0	Φ	©
e. Comic books	O70	®	0	•	©
f. Magazines	O71	®	0	0	©
g. E-mails	O74	®	0	0	©
h. Text messages	O75	®	0	Φ	©
i. Other (Please specify):	₩ 🖎	®	©	0	©.

VR837009

34. How often do you receive the following types of help with English/language arts schoolwork **outside of your English/language arts class?**

Select one answer choice on each row.

	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
a. Help from a teacher, in person or virtually	0	(8)	0	0	©
b. Help from an AI tutor	(6)	(8)	0	0	©
c. Help from a non-AI tutor, in person or virtually	0	(8)	0	0	0
d. Help from a family member or friend, in person or virtually	0	®	0	0	Θ
e. Help from other online resources (for example, websites, apps)	•	®	0	0	•

35. Do you think you would be able to do each of the following when reading? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Figure out the meaning of a word you don't know by using other words in the text	Θ	•	0	Φ	Φ
b. Explain the meaning of something you have read	0	®	0	0	©
c. Figure out the main idea of a text	®	®	0	Φ	©
d. Find text in a reading passage to help you answer a question on a test	•	•	0	•	•
e. Recognize when you don't understand something you are reading	0	(9)	0	Φ	₽

36. Do you think you would be able to do each of the following when reading? Select **one** answer choice on each row.

VH611300

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
a. Recognize the difference between fact and opinion in a text	0	©	0	Φ	Θ
b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	©	(8)	0	•	©
c. Critique an author's craft or technique	®	(3)	0	0	©
d. Use evidence from a text to support my answer	®	®	0	Φ	©
e. Identify the author's perspective in a persuasive text	®	®	0	0	©

VR835053

37. How much do you consider reading one of your favorite activities?

- Not at all
- ® A little bit
- © Somewhat
- Quite a bit
- Very much

	Table 1		VR835061
38.	Hov	w much do you enjoy reading?	
	(A)	Not at all	
	B	A little bit	
	0	Somewhat	
	0	Quite a bit	
	(E)	Very much	
39.	How	much do you enjoy listening to audiobooks?	VR835062
	(A)	Not at all	
	B	A little bit	
	0	Somewhat	
	(D)	Quite a bit	
	(E)	Very much	
	(F)	I don't listen to audiobooks.	
40	TT	annual de con libratelleie enigle agle a con le change gliere de la contraction de l	VR835063
40.		w much do you like talking with other people about things you read?	
	(A)	Not at all	
	B	A little bit	
	0	Somewhat	
	0	Quite a bit	
		Very much	
	(E)	I don't talk with others about things I read.	
41.	Hov	w much do you enjoy getting reading materials from a bookstore or library?	VR835064
	(A)	Not at all	
	B	A little bit	
	0	Somewhat	
	0	Quite a bit	
	(E)	Very much	
	0		

42.	Hov	w much do you like reading online (for example, e-books, articles, social media)
	(A)	Not at all

- A little bit
- Somewhat
- Quite a bit
- © Very much
- D I don't read online.

43. How important is reading to you?

- Not at all important
- A little important
- Somewhat important
- Quite important
- © Very important

VR835073

Appendix J1-31: Pilot Grade 4 (Debrief)

		w much effort did you apply to succeed on this test?	
	(4)	No effort at all	
	®	Very little effort	
	0	Some effort	
	0	Quite a bit of effort	
	(E)	A lot of effort	
2.		w easy or difficult was it for you to complete this test with this device?	VR854449
2.	(4)	Extremely difficult	VR854449
2.	(A) (B)	Extremely difficult Quite difficult	VR854449
2.	(4)	Extremely difficult Quite difficult Somewhat difficult	VR854449
2.	(A) (B)	Extremely difficult Quite difficult	VR854449
2.	(A) (B) (O)	Extremely difficult Quite difficult Somewhat difficult	VR854449
2.	(a) (b) (c) (d)	Extremely difficult Quite difficult Somewhat difficult Somewhat easy	VR854449

Appendix J1-32: Pilot Grade 8 (Debrief)

1.	Hov	w much effort did you apply to succeed on this test?	VH333638
	(4)	No effort at all	
	®	Very little effort	
	0	Some effort	
	0	Quite a bit of effort	
	(E)	A lot of effort	
			1/112/0212
2.	Hov	w easy or difficult was this test?	VH260313
	(1)	Extremely difficult	
	(B)	Quite difficult	
	0	Somewhat difficult	
	0	Somewhat easy	
	(E)	Quite easy	
	(D)	Extremely easy	
3.	Hov	w easy or difficult was it for you to complete this test with this device?	VR854449
	(A)	Extremely difficult	
	(B)	Quite difficult	
	0	Somewhat difficult	
	0	Somewhat easy	
	(E)	Quite easy	
	(D)	Extremely easy	

Appendix J1-33: Pilot Grade 12 (Debrief)

	1.	Hov	w easy or difficult was this test?	VH260313
		A	Extremely difficult	
		®	Quite difficult	
		0	Somewhat difficult	
		0	Somewhat easy	
		(E)	Quite easy	
		(F)	Extremely easy	
	2.	Hov	w much effort did you apply to succeed on this test?	VH333658
		(A)	No effort at all	
		®	Very little effort	
		0	Some effort	
		0	Quite a bit of effort	
		(E)	A lot of effort	
				VR854449
3.	Но	w ea	asy or difficult was it for you to complete this test with this device?	VK6,5447
	A		tremely difficult	
	B		nite difficult	
	0		mewhat difficult	
	0		mewhat easy	
	(E)		nite easy	
	(E)	Ex	tremely easy	