# NATIONAL CENTER FOR EDUCATION STATISTICS NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

National Assessment of Educational Progress (NAEP) 2024

# Appendix J1 2024 Student Questionnaires

OMB# 1850-0928 v.31



August 2023

Appendix J1 provides the student survey questionnaires that will be administered in 2024. Grades 4 and 8 Core, Math, and Reading questionnaires were previously approved in 2022 (OMB# 1850-0928 v.28), and any changes to the items from the 2022 administration are reflected in summary tables. Additionally, grade 8 Science and grade 12 Core, Math, and Reading were previously approved in 2019 (OMB# 1850-0928 v.15), and any changes to the items from the 2019 administration are reflected in summary tables. New COVID-19 Learning Recovery and NIES SQs, are available in this document. Any changes to the NIES SQs since the 2019 administration are reflected in summary tables.

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.

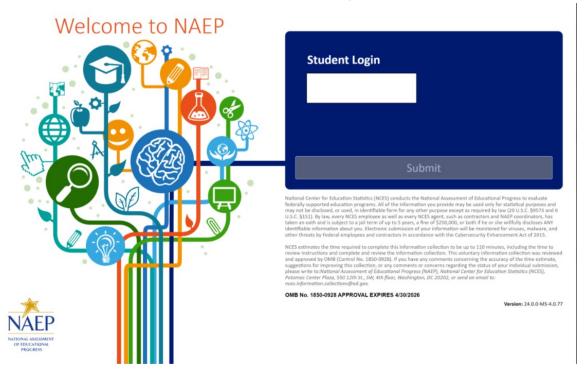
#### **Table of Contents**

- · ·		
Studen	t Ouest	ionnaires

Student Login Screen	4
Appendix J1-1: Summary of Changes Operational Grade 4 (Core, Mathematics)	5
Appendix J1-2: Operational Grade 4 (Core, Mathematics)	8
Appendix J1-3: Summary of Changes Operational Grade 4 (Core, Reading)	13
Appendix J1-4: Operational Grade 4 (Core, Reading)	16
Appendix J1-5: Summary of Changes Operational Grade 8 (Core, Mathematics)	21
Appendix J1-6: Operational Grade 8 (Core, Mathematics)	24
Appendix J1-7: Summary of Changes Operational Grade 8 (Core, Reading)	35
Appendix J1-8: Operational Grade 8 (Core, Reading)	38
Appendix J1-9: Summary of Changes Operational Grade 12 (Core, Mathematics)	50
Appendix J1-10: Operational Grade 12 (Core, Mathematics)	53
Appendix J1-11: Summary of Changes Operational Grade 12 (Core, Reading)	62
Appendix J1-12: Operational Grade 12 (Core, Reading)	/ 5
Appendix 11 12. Operational Grade 12 (Core, Reading)	03
Appendix J1-13: Summary of Changes Operational Grade 4 (Mathematics)	
	73
Appendix J1-13: Summary of Changes Operational Grade 4 (Mathematics)	73 74
Appendix J1-13: Summary of Changes Operational Grade 4 (Mathematics)	73 74 78
Appendix J1-13: Summary of Changes Operational Grade 4 (Mathematics)	737478
Appendix J1-13: Summary of Changes Operational Grade 4 (Mathematics)	73747879
Appendix J1-13: Summary of Changes Operational Grade 4 (Mathematics)	7374787984
Appendix J1-13: Summary of Changes Operational Grade 4 (Mathematics)	737478798487
Appendix J1-13: Summary of Changes Operational Grade 4 (Mathematics)	737478798487105

Appendix J1-23: Summary of Changes Operational Grade 12 (Reading)	115
Appendix J1-24: Operational Grade 12 (Reading)	116
Appendix J1-25: Operational Grade 8 (Science)	125
Appendix J1-26: Operational Grade 4 (Debrief)	130
Appendix J1-27: Operational Grade 8 and 12 (Debrief)	131
Appendix J1-28: Summary of Changes Operational Grade 4 (NIES)	132
Appendix J1-29: Operational Grade 4 (NIES)	135
Appendix J1-30: Summary of Changes Operational Grade 8 (NIES)	145
Appendix J1-31: Operational Grade 8 (NIES)	148
Appendix J1-32: Pilot Grade 4 (Core)	161
Appendix J1-33: Pilot Grade 8 (Core)	163
Appendix J1-34: Pilot Grade 4 (Mathematics)	164
Appendix J1-35: Pilot Grade 8 (Mathematics)	168
Appendix J1-36: Pilot Grade 4 (Reading)	175
Appendix J1-37: Pilot Grade 8 (Reading)	181
Appendix J1-38: Operational Grade 8 (Core, Science)	188

### **Student Login Screen**



# **Appendix J1-1**: Summary of Changes Operational Grade 4 (Core, Mathematics)

2024 Operation	nal Grade 4 Core Mathematics Student		
Previous Item	2024 Item	D/A/ R+	Rationale
8. n this school year, how often have you done each of the following? Select one answer choice on each row.    Never or half of the time o	N/A  Issue: Grit	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
N/A	9. Thinking about this school year, do you think you can do each of the following? Select    I definitely can't   I probably   Maybe   I probably   I definitely can to learn in your mathematics class     B. Know how to get the help you need for your mathematics   Definition   Definition   Definition	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/a	10. Did you receive any tutoring in mathematics this school year?  • Yes • No  Issue: Learning Recovery	A	This Item was added to address gaps in

			learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	11. To what extent did your mathematics tutor make it easier for you to understand what you were learning?  ① Not at all  ② A little bit  ② Somewhat  ② Quite a bit  ① A lot   Issue: Learning Recovery	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
I NI/A	VE1059	Δ.	This Ham
N/A	12. How easy was it for you to understand the material in your mathematics tutoring sessions?  Description Not at all easy A little easy Somewhat easy Very easy Extremely easy  Issue: Learning Recovery	Α	This Item was added to address gaps in learning that have developed due to the

extended

		re ai hy le th pl do	eriod of emote nd ybrid earning nat took lace uring the andemic.
N/A	14. 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   All title bit like the statement of the students at my school	w ad ad gard let the det let let let let let let let let let l	his Item vas dded to ddress aps in earning nat have eveloped ue to the extended eriod of emote nd ybrid earning nat took lace uring the andemic.

#### Appendix J1-2: Operational Grade 4 (Core, Mathematics)

VH240387

- 2. 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.
  - O Yes, I am Puerto Rican or Puerto Rican American.
  - D Yes, I am Cuban or Cuban American.
  - D Yes, I am from some other Hispanic or Latino background.

- 3. Which of the following best describes you? Select one or more answer choices.
  - White
  - ® Black or African American
  - O Asian
  - O American Indian or Alaska Native
  - D Native Hawaiian or other Pacific Islander

ν			

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

  - © Enough to fill one shelf (11-25)
  - © Enough to fill one bookcase (26-100)
  - D 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.

VR190753

	Yes	No	
a. Access to the Internet	<b>®</b>	<b>®</b>	VH271105
b. A desktop or laptop computer (including Chromebooks) that you can use		<b>®</b>	VH591976
c. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<b>®</b>	<b>®</b>	VH271110

- 6. How many days were you absent from school in the last month?
  - None
  - 1 or 2 days
  - O 3 or 4 days
  - © 5 to 10 days
  - More than 10 days

VH271144

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

	Yes	No	
a. Mother	(A)	8	VH271145
b. Stepmother	(A)	<b>®</b>	VH271146
c. Foster mother or other female legal guardian	<ul><li>O</li></ul>	<b>®</b>	VH271147
d. Father	<b>®</b>	<b>®</b>	VH271148
e. Stepfather	0	®	VH271149
f. Foster father or other male legal guardian	<u>®</u>	8	VH271150

VH591969

VR740539

- 8. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?
  - Never
  - ® In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - D In all or almost all classes

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 can't	I probably can't	Maybe	I probably can	I definitely can	
a. Learn what you need to learn in your mathematics class	8	<b>®</b>	0	0	Œ	VR740540
b. Know how to get the help you need for your mathematics class	8	3	0	0	Œ	VR740541

10.	Die	d you receive any tutoring in mathematics this school year?	VR740556
		Yes	
		No	
11.	wh	what extent did your mathematics tutor make it easier for you to understand nat you were learning?	VR740558
		Not at all	
		A little bit	
	0	Somewhat	
	0	Quite a bit	
	1	A lot	
12.		ow easy was it for you to understand the material in your mathematics tutoring ssions?	VR740559
	0	Not at all easy	
	<b>(B)</b>	A little easy	
	0	Somewhat easy	
	0	Very easy	
	1	Extremely easy	

VH733149

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.	<b>®</b>	3	0	0	©	VH733150
b. I like activities that challenge my thinking abilities.	<b>®</b>	(8)	0	Ф	©	VH733151
c. I enjoy situations where I will have to think about something.	<b>®</b>	(3)	0	0	Œ	VH733155
d. I enjoy thinking about new solutions to problems.	<b>®</b>	(3)	0	0	©	VH733154

VR730780

14. How much does each of the following statements describe the teachers at your school this year? Select **one** answer choice on each row.

1) 1)	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	
Teachers care about the students.	®	<b>®</b>	0	0	VR730781
b. Students feel comfortable talking with their teachers.	®	®	0	0	VR730782
<ul> <li>Teachers expect students to do well.</li> </ul>	<b>®</b>	(B)	0	0	VR730783
d. Teachers are available when students need them.	<b>®</b>	(8)	0	•	VR730784
e. Teachers try to understand students' problems.	<b>®</b>	<b>®</b>	0	0	VR730785
f. Teachers notice if I need help.	<b>®</b>	<b>®</b>	0	0	VR730786
g. Teachers treat all students respectfully.	<b>®</b>	®	0	0	VR730787

# **Appendix J1-3**: Summary of Changes Operational Grade 4 (Core, Reading)

Previous Item	2024 Item	D/A/ R+	Rationale
8. In this school year, how often have you done each of the following? Select one answer    Never or hardly ever   Less than half of the time   About half   half of the time   half of	N/A  Issue: Grit	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
V/A	9. Thinking about this school year, do you think you can do each of the following? Select    Variety	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemi

N/A	10. Did you receive any tutoring in English/language arts this school year?	VR740551	Α	This Item
	Yes    No			was
				added to
	Issue: Learning Recovery			address
				gaps in
				learning
				that have
				developed
				due to the
				extended
				period of
				remote
				and
				hybrid
				learning
				that took
				place
				during the
				pandemic.
N/A	11. 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 A lot  Issue: Learning Recovery	VX740552	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.

N/A	12. How easy was it for you to understand the material in your English/language arts tutoring sessions?  ① Not at all easy ② A little easy ② Somewhat easy ③ Very easy ② Extremely easy	A	This Item was added to address
	Issue: Learning Recovery		gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	Not at all like the teachers at my school   Compared to the students   Co	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.

#### Appendix J1-4: Operational Grade 4 (Core, Reading)

VH240387

- 2. Are you Hispanic or Latino? Select one or more answer choices.
  - No, I am not Hispanic or Latino.
  - (B) Yes, I am Mexican, Mexican American, or Chicano.
  - O Yes, I am Puerto Rican or Puerto Rican American.
  - D Yes, I am Cuban or Cuban American.
  - D Yes, I am from some other Hispanic or Latino background.

- 3. Which of the following best describes you? Select one or more answer choices.
  - White
  - Black or African American
  - O Asian
  - American Indian or Alaska Native
  - D Native Hawaiian or other Pacific Islander

MITTAGE DE

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

  - © Enough to fill one shelf (11-25)
  - © Enough to fill one bookcase (26-100)
  - D 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

	Yes	No	
a. Access to the Internet	<b>®</b>	(8)	VH271105
b. A desktop or laptop computer (including Chromebooks) that you can use	(4)	3	VH591976
c. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<b>®</b>	3	VH271110

VH240190

- 6. How many days were you absent from school in the last month?
  - None

row.

- 1 or 2 days
- O 3 or 4 days
- D 5 to 10 days
- More than 10 days

VH271144

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

	Yes	No	
a. Mother	<b>®</b>	(8)	VH271145
b. Stepmother	<b>®</b>	(3)	VH271146
c. Foster mother or other female legal guardian	<b>®</b>	(8)	VH271147
d. Father	<b>(a)</b>	<b>®</b>	VH271148
e. Stepfather	<b>®</b>	<b>®</b>	VH271149
f. Foster father or other male legal guardian	<b>®</b>	(8)	VH271150

VH591969

- 8. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - (D) In all or almost all classes

9. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row.

I probably I definitely I definitely I probably Maybe can't can't can a. Learn what you need to learn in your VR740537 (3) 1 0 0 1 English/language arts class b. Know how to get the help you need for your VR740538 (4) (3) 0 0 1 English/language arts class

10.	(8)	d you receive any tutoring in English/language arts this school year?  Yes  No	61
11.		what extent did your English/language arts tutor make it easier for you to derstand what you were learning?	12
	(8)	Not at all	
	<b>(B)</b>	A little bit	
	0	Somewhat	
	0	Quite a bit	
	<b>(D)</b>	A lot	

VR740555

- 12. How easy was it for you to understand the material in your English/language arts tutoring sessions?
  - Not at all easy
  - A little easy
  - O Somewhat easy
  - Very easy
  - © Extremely easy

 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	
I like complex     problems more than     easy problems.	<b>®</b>	(3)	0	•	©.	VH733150
b. I like activities that challenge my thinking abilities.	@	(8)	0	<b>©</b>	©.	VH733151
c. I enjoy situations where I will have to think about something.	<b>®</b>	(3)	0	•	(E)	VH733155
d. I enjoy thinking about new solutions to problems.	<b>®</b>	(8)	0	0	©	VH733154

14. How much does each of the following statements describe the teachers at your school this year? Select **one** answer choice on each row.

A little bit Quite a bit Not at all like Exactly like like the like the the teachers at the teachers at teachers at my teachers at my my school my school school school a. Teachers care about the VR730781 (3) **®** 0 0 students. b. Students feel comfortable talking with their VR730782 (3) (B) 0 0 teachers. c. Teachers expect students VR730783 (3) **®** 0 0 to do well. d. Teachers are available (3) **(B)** 0 VR730784 when students need them. e. Teachers try to understand VR730785 (3) **®** 0 0 students' problems. f. Teachers notice if I need VR730786 (3) 0 0 1 help. g. Teachers treat all students VR730787 (3) **®** 0 0 respectfully.

## **Appendix J1-5**: Summary of Changes Operational Grade 8 (Core, Mathematics)

2024 Operational Grade 8 Cor	e Mathematics Student	
Previous Item 2024 Item	D/A/ R+	Rationale
one answer choice on ea	I definitely   I probably   Maybe   I probably   I definitely	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.  This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/a  10. Did you receive any tutor  © Yes  © No  Issue: Learnin	ring in mathematics this school year?	This Item was added to address gaps in

N/A	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	that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.  This Item was added to
	© Quite a bit © A lot  Issue: Learning Recovery	address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	12. How easy was it for you to understand the material in your mathematics tutoring	This Item

N/A	How easy was it for you to understand the material in your mathematics tutoring sessions?	VR740559	This Item	
			was	1
	① A little easy ② Somewhat easy		added to	
	© Very easy © Extremely easy		address	
			gaps in	
	Issue: Learning Recovery		learning	
			that have	
			developed	
			due to the	
			extended	
			period of	

	· · · · · · · · · · · · · · · · · · ·	
		remote
		and
		hybrid
		learning
		that took
		place
		during the
		pandemic.
N/A	14. How much does each of the following statements describe the teachers at your school	This Item
	this year? Select one answer choice on each row.    Not at all like   Alittle bit   Quite a bit   Exactly like	was
	Not at all like the teachers at my school my s	added to
	a. Teachers care about the students. b. Students feel comfortable	address
	talking with their	gaps in
	c. Teachers expect students to do well.  d. Teachers are available	learning
	when students need them.  e. Teachers try to understand students' problems.  Descriptions	that have
	f. Teachers notice if I need help.	developed
	g. Teachers treat all students	due to the
		extended
	Issue: Learning Recovery	period of
		remote
		and
		hybrid
		learning
		that took
		place
		during the
		pandemic.
		pariacrine

#### **Appendix J1-6**: Operational Grade 8 (Core, Mathematics)

3.000	m	4	n	n	ø	-
YE	4	4	u	u	а	٠

- 3. Are you Hispanic or Latino? Select one or more answer choices.
  - D No, I am not Hispanic or Latino.
  - ® Yes, I am Mexican, Mexican American, or Chicano.
  - O Yes, I am Puerto Rican or Puerto Rican American.
  - D Yes, I am Cuban or Cuban American.
  - D Yes, I am from some other Hispanic or Latino background.

VH240388

- 4. Which of the following best describes you? Select one or more answer choices.
  - White
  - Black or African American
  - O Asian
  - O American Indian or Alaska Native
  - D Native Hawaiian or other Pacific Islander

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)

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

VR777487

	Yes	No	
a. Access to the Internet	<b>⊗</b>	•	VH271105
b. Your own bedroom	0	•	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	0	•	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	0	•	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use	8	Φ	VR730789

7. Ho	ow often do you use the Internet for homework at home?	VH354591
(1)	Never	
(3)	About once or twice a month	
0	About once or twice a week	
0	Almost every day	
(1)	Every day	
		VH240190
8. Ho	ow many days were you absent from school in the last month?	
(1)	None	
(3)	1 or 2 days	
0	3 or 4 days	
0	5 to 10 days	
<b>(E)</b>	More than 10 days	
	ow often do you talk about things you have studied in school with someone in ur family?	VH240189
(1)	Never or hardly ever	
(3)	Once every few weeks	
0	About once a week	
0	Two or three times a week	
(1)	Every day	

						VH240192
		_				

- 10. How far in school did your mother go?
  - She did not finish high school.
  - She graduated from high school.
  - She had some education after high school.
  - She graduated from college.
  - D I don't know.

VH240193

- 11. How far in school did your father go?
  - He did not finish high school.
  - He graduated from high school.
  - He had some education after high school.
  - He graduated from college.
  - D I don't know.

VH336776

- 12. Does your mother work?
  - Yes
  - ® No
  - O I don't know.

- 13. Does your father work?
  - W Yes
  - ® No
  - O I don't know.

VH271144

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

	Yes	No	
a. Mother	<b>®</b>	(3)	VH271145
b. Stepmother	<b>®</b>	(8)	VH271146
c. Foster mother or other female legal guardian	<u> </u>	8	VH271147
d. Father	<b>(A)</b>	(8)	VH271148
e. Stepfather	<b>(A)</b>	(8)	VH271149
f. Foster father or other male legal guardian	<b>®</b>	(8)	VH271150

VH591969

- 15. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - D In all or almost all classes

- 16. In this school year, how often did you use a tablet (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - D In all or almost all classes

3.00	10	en.	no.	un.

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

Yes

® No

18. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row.

VR740539

100	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Learn what you need to learn in your mathematics class	8	(8)	0	0	©	VR740540
b. Know how to get the help you need for your mathematics class	8	(3)	0	Φ	©	VR740541

19.	Did	you receive	any tutoring	in mat	hematics thi	s school	year?
-----	-----	-------------	--------------	--------	--------------	----------	-------

- **1** Yes
- ® No

VR740558

- 20. 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
  - D Quite a bit

VR740559

- 21. How easy was it for you to understand the material in your mathematics tutoring sessions?
  - Not at all easy
  - A little easy
  - O Somewhat easy
  - Very easy
  - © Extremely easy

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	Very much like me	
a. I finish whatever I begin.	8	8	0	0	©	VH733142
<ul> <li>I try very hard even after making mistakes.</li> </ul>	<u> </u>	(8)	0	0	©	VH733143
<li>c. I keep working hard even when I feel like quitting.</li>	8	(8)	0	0	©	VH733145
d. I keep trying to improve myself, even when it takes a long time to get there.	<b>®</b>	(8)	0	0	©	VH733144

VR730780

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	Very much like me	
a. I like complex problems more than easy problems.	@	(8)	0	0	©	VH733150
b. I like activities that challenge my thinking abilities.	@	(8)	0	0	©	VH733151
c. I enjoy situations where I will have to think about something.	<b>®</b>	(3)	0	•	Œ	VH733155
d. I enjoy thinking about new solutions to problems.	<b>®</b>	(8)	0	Φ	©	VH733154

24. 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	
Teachers care about the students.	<b>®</b>	(8)	0	0	VR730781
b. Students feel comfortable talking with their teachers.	<b>®</b>	®	0	0	VR730782
<ul> <li>Teachers expect students to do well.</li> </ul>	<b>®</b>	<b>®</b>	0	0	VR730783
d. Teachers are available when students need them.	<b>®</b>	<b>®</b>	0	•	VR730784
e. Teachers try to understand students' problems.	<b>®</b>	®	0	<b>©</b>	VR730785
f. Teachers notice if I need help.	<b>®</b>	<b>®</b>	0	0	VR730786
g. Teachers treat all students respectfully.	<u>®</u>	<b>®</b>	0	0	VR730787

#### NAEP Student Parent/Guardian Item Set for Grade 8

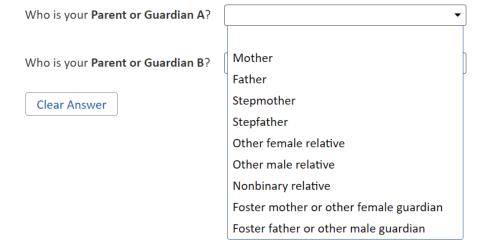
The parent/guardian item set is a dynamic set of contextual questionnaire items designed to allow grade 8 students with a variety of parent/guardian types to report a) who their parents/guardians are, b) the educational attainment of those adults, and c) the employment status of those adults. The item set allows for a more inclusive approach to collecting this information, which is relevant to the measurement of student socioeconomic status (SES). These items are intended for use at grade 8 only as some grade 4 students have difficulty providing this information. In the pilot administration of the parent/guardian items, these items will be included within the core contextual questionnaire and will be preceded and followed by other questionnaire items.

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.



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.

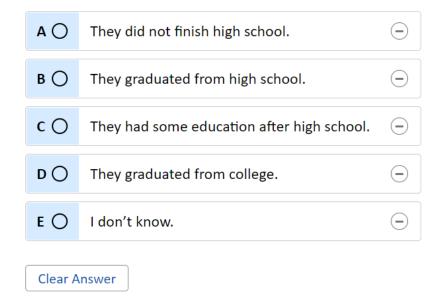
If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

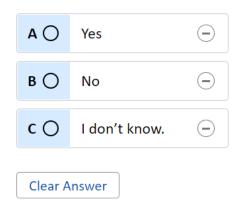
Who is your <b>Parent or Guardian A</b> ?	•
Who is your <b>Parent or Guardian B</b> ?	•
Clear Answer	Mathan
Clear Aliswer	Mother
	Father
	Stepmother
	Stepfather
	Other female relative
	Other male relative
	Nonbinary relative
	Foster mother or other female guardian
	Foster father or other male guardian
	I don't have a second parent/guardian

#### Parent or Guardian A

How far in school did your Mother go?

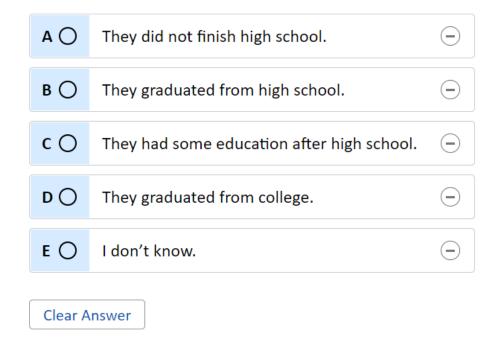


Does your Mother work?



#### Parent or Guardian B

How far in school did your Father go?



Does your Father work?

A ()	Yes	$\overline{}$
В 🔾	No	-
c 🔿	I don't know.	$\overline{}$
Clear A	nswer	

# **Appendix J1-7**: Summary of Changes Operational Grade 8 (Core, Reading)

2024 Operatio	nal Grade 8 Core Reading Student		
Previous Item	2024 Item	D/A/ R+	Rationale
8. n this school year, how often have you done each of the following? Select one answer choice on each row.    Never or hardly ever   Less than half of the following? Select one answer	N/A  Issue: Grit	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
N/A	9. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row.    Thinking about this school year, do you think you can do each of the following? Select	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.

NI/A	VE740551		T1 ' 1'
N/A	10. Did you receive any tutoring in English/language arts this school year?	Α	This Item
	© Yes		was
			added to
	Issue: Learning Recovery		address
			gaps in
			learning
			that have
			developed
			due to the
			extended
			period of
			remote
			and
			hybrid
			learning
			that took
			place
			during the
			pandemic.
			pariacinici
N/A	11. To what extent did your English/language arts tutor make it easier for you to	Α	This Item
	understand what you were learning?  Not at all		
			was
	A little bit     Somewhat		was added to
	① A little bit		
	A little bit     Somewhat     Quite a bit		added to address
	A little bit     Somewhat     Quite a bit		added to address gaps in
	© A little bit © Somewhat © Quite a bit © A lot		added to address
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of remote
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of remote and
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of remote and hybrid
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of remote and hybrid learning
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the
	© A little bit © Somewhat © Quite a bit © A lot		added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place

N/A	12. How easy was it for you to understand the material in your English/language arts tutoring sessions?  © Not at all easy  © A little easy  © Somewhat easy  © Very easy	A	This Item was added to
	© Extremely easy		address gaps in learning
	Issue: Learning Recovery		that have developed due to the
			extended period of remote
			and hybrid
			learning that took place during the
NI/A	VEZNINO	Λ	pandemic.
N/A	Not at all like the teachers at my school   A little bit like the teachers at my school	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.

## **Appendix J1-8**: Operational Grade 8 (Core, Reading)

w	τ	כו	/41	03	2

- 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.
  - O Yes, I am Puerto Rican or Puerto Rican American.
  - D Yes, I am Cuban or Cuban American.
  - D Yes, I am from some other Hispanic or Latino background.

VH240388

- 4. Which of the following best describes you? Select one or more answer choices.
  - White
  - Black or African American
  - Asian
  - O American Indian or Alaska Native
  - D Native Hawaiian or other Pacific Islander

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)
  - D Enough to fill several bookcases (more than 100)

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

	Yes	No	
a. Access to the Internet	<b>®</b>	3	VH271105
b. Your own bedroom	<b>®</b>	<b>3</b>	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	0	(3)	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<b>®</b>	3	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<b>®</b>	(3)	VH271112

7.	Но	w often do you use the Internet for homework at home?	VH354591
	(8)	Never	
	(1)	About once or twice a month	
	0	About once or twice a week	
	0	Almost every day	
		Every day	
			VH240190
8.	Но	w many days were you absent from school in the last month?	VH240190
	<b>(A)</b>	None	
	(13)	1 or 2 days	
	0	3 or 4 days	
	0	5 to 10 days	
	(E)	More than 10 days	
			VH240189
9.		w often do you talk about things you have studied in school with someone in ur family?	TIL TOTO
	(1)	Never or hardly ever	
	(1)	Once every few weeks	
	0	About once a week	
	0	Two or three times a week	
	(D)	Every day	

	VH240192
10. How far in school did your mother go?	111240172
She did not finish high school.	
She graduated from high school.	
She had some education after high school.	
She graduated from college.	
© I don't know.	
11. How far in school did your father go?	VH240193
He did not finish high school.      He graduated from high school.	
<ul> <li>He graduated from high school.</li> <li>He had some education after high school.</li> </ul>	
and the control of the property of the control of t	
He graduated from college.     I don't know.	
© I don't know.	
	VH336776
12. Does your mother work?	
® No	
© I don't know.	
13. Does your father work?	VH336779

YesNo

O I don't know.

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

	Yes	No	
a. Mother	<b>®</b>	(3)	VH271145
b. Stepmother	<b>®</b>	(8)	VH271146
c. Foster mother or other female legal guardian	<b>®</b>	3	VH271147
d. Father	<b>(A)</b>	(8)	VH271148
e. Stepfather	<b>®</b>	(8)	VH271149
f. Foster father or other male legal guardian	<b>®</b>	(8)	VH271150

VH591969

- 15. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - D In all or almost all classes

- 16. In this school year, how often did you use a tablet (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - In more than half of the classes
  - In all or almost all classes

1	ш	10	57	on	ľ

- 17. Are you taking an art course this school year (for example, drawing, painting, or studio art)?
  - Yes
  - ® No

18. Thinking about this school year, do you think you can 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. Learn what you need to learn in your English/language arts class	0	(8)	0	0	®	VR740537
b. Know how to get the help you need for your English/language arts class	0	(8)	0	•	©	VR740538

VR740551

- 19. Did you receive any tutoring in English/language arts this school year?
  - Yes
  - ® No

20.		what extent did your English/language arts tutor make it easier for you to iderstand what you were learning?	
	(8)	Not at all	
	(B)	A little bit	
	0	Somewhat	
	0	Quite a bit	
	<b>(D)</b>	A lot	
21.		ow easy was it for you to understand the material in your English/language arts toring sessions?	VR740555
	0	Not at all easy	
	(1)	A little easy	
	0	Somewhat easy	
	0	Very easy	

© Extremely easy

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	Very much like me	
a. I finish whatever I begin.	(4)	(8)	0	0	©	VH733142
<ul> <li>I try very hard even after making mistakes.</li> </ul>	<u> </u>	(8)	0	0	©	VH733143
<li>c. I keep working hard even when I feel like quitting.</li>	8	(3)	0	0	©	VH733145
d. I keep trying to improve myself, even when it takes a long time to get there.	<b>®</b>	3	0	•	©	VH733144

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	Very much like me	
I like complex     problems more than     easy problems.	<b>®</b>	3	0	0	©	VH733150
b. I like activities that challenge my thinking abilities.	@	(8)	0	•	©.	VH733151
c. I enjoy situations where I will have to think about something.	<b>®</b>	(3)	0	•	©.	VH733155
d. I enjoy thinking about new solutions to problems.	<b>(</b>	<b>®</b>	0	•	©	VH733154

24. 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	
Teachers care about the students.	<b>®</b>	®	0	0	VR730781
b. Students feel comfortable talking with their teachers.	0	®	0	Θ	VR730782
c. Teachers expect students to do well.	<b>®</b>	®	0	0	VR730783
d. Teachers are available when students need them.	<b>®</b>	®	0	0	VR730784
e. Teachers try to understand students' problems.	<b>®</b>	®	0	0	VR730785
f. Teachers notice if I need help.	<b>®</b>	<b>®</b>	0	0	VR730786
g. Teachers treat all students respectfully.	<b>®</b>	<b>®</b>	0	0	VR730787

### NAEP Student Parent/Guardian Item Set for Grade 8

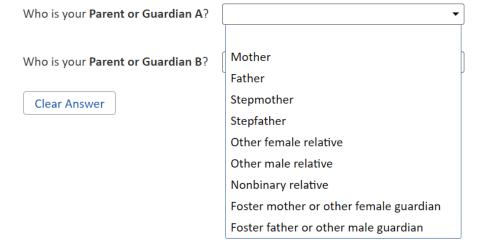
The parent/guardian item set is a dynamic set of contextual questionnaire items designed to allow grade 8 students with a variety of parent/guardian types to report a) who their parents/guardians are, b) the educational attainment of those adults, and c) the employment status of those adults. The item set allows for a more inclusive approach to collecting this information, which is relevant to the measurement of student socioeconomic status (SES). These items are intended for use at grade 8 only as some grade 4 students have difficulty providing this information. In the pilot administration of the parent/guardian items, these items will be included within the core contextual questionnaire and will be preceded and followed by other questionnaire items.

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.



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.

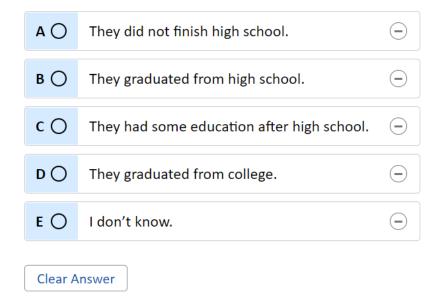
If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

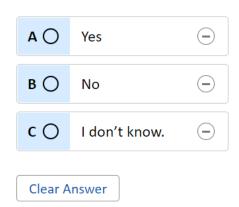
Who is your <b>Parent or Guardian A</b> ?	•
Who is your <b>Parent or Guardian B</b> ?	_
Clear Answer	Mother
	Father
	Stepmother
	Stepfather
	Other female relative
	Other male relative
	Nonbinary relative
	Foster mother or other female guardian
	Foster father or other male guardian
	I don't have a second parent/guardian

#### Parent or Guardian A

How far in school did your Mother go?

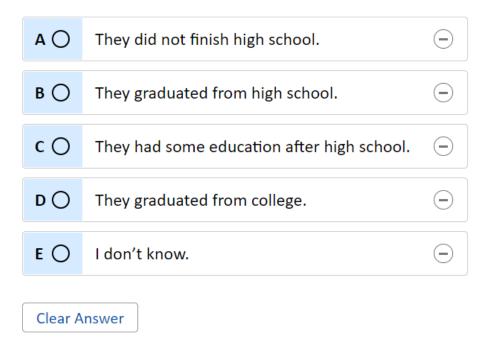


Does your Mother work?



#### Parent or Guardian B

How far in school did your Father go?



Does your Father work?

A ()	Yes	$\overline{}$		
В 🔾	No	<u> </u>		
c 🔿	I don't know.	$\overline{-}$		
Clear Answer				

**Appendix J1-9**: Summary of Changes Operational Grade 12 (Core, Mathematics)

2024 Operational	Grade 12 Core Mathematics Student		
Previous Item	2024 Item	D/A/ R+	Rationale
8. n this school year, how often have you done each of the following? Select one answer    Never or hardly ever   Less than thine   About half of the thine   half of the time   half of	N/A  Issue: Grit	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
N/A	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   can   ca		This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/a	10. Did you receive any tutoring in mathematics this school year?  © Yes © No  Issue: Learning Recovery		This Item was added to address gaps in learning that have

		developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	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  Issue: Learning Recovery	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	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 ① Somewhat easy ② Very easy ② Extremely easy  Issue: Learning Recovery	This Item was added to address gaps in learning that have developed due to the

extended period of remote

		т	т
			and
			hybrid
			learning
			that took
			place
			during the
			pandemic.
N/A	14. How much does each of the following statements describe the teachers at your this year? Select one answer choice on each row.	r school	This Item
	Not at all like A little bit Quite a bit	exactly like	was
	the teachers at my school teachers at my teachers at my school teachers at my teachers at my teachers at my school teachers at my teachers at my school teachers at my teachers at my school teachers at my teachers at my teachers at my school teachers at my teach	e teachers at my school	added to
	a. Teachers care about the students.  b. Students feel comfortable		address
	talking with their	₩7.730782	gaps in
	to do well.  d. Teachers are available	<ul> <li>○ VR730783</li> <li>○ VR730784</li> </ul>	learning
	when students need them.  e. Teachers try to understand students' problems.	WR730785	that have
	f. Teachers notice if I need help.		developed
	g. Teachers treat all students respectfully.		due to the
			extended
	Issue: Learning Recovery		period of
			remote
			and
			hybrid
			learning
			that took
			place
			during the
			pandemic.

## **Appendix J1-10**: Operational Grade 12 (Core, Mathematics)

VH240387

- 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.
  - O Yes, I am Puerto Rican or Puerto Rican American.
  - Tes, I am Cuban or Cuban American.
  - Tes, I am from some other Hispanic or Latino background.

VH240388

- 4. Which of the following best describes you? Select one or more answer choices.
  - White
  - Black or African American
  - O Asian
  - American Indian or Alaska Native
  - D Native Hawaiian or other Pacific Islander

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)

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

	Yes	No	
a. Access to the Internet	<b>®</b>	(3)	VH271105
b. Your own bedroom	<b>®</b>	(3)	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	<b>®</b>	(8)	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<b>®</b>	(3)	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<b>®</b>	3	VH271112

			VH354591
7.	Ho	ow often do you use the Internet for homework at home?	
	0	Never	
	(1)	About once or twice a month	
	0	About once or twice a week	
	Φ	Almost every day	
	<b>(E)</b>	Every day	
8.	Ho	ow many days were you absent from school in the last month?	VH240190
	(1)	None	
	(1)	1 or 2 days	
	0	3 or 4 days	
	0	5 to 10 days	
	(E)	More than 10 days	
			VH240189
9.		ow often do you talk about things you have studied in school with someone in ur family?	
	(1)	Never or hardly ever	
	(1)	Once every few weeks	
	0	About once a week	
	0	Two or three times a week	
	<b>(D)</b>	Every day	

10.	Ho	w far in school did your mother go?	VH240192
	0	She did not finish high school.	
	(1)	She graduated from high school.	
	0	She had some education after high school.	
	0	She graduated from college.	
	<b>(D)</b>	I don't know.	
			VH240193
11.	Ho	w far in school did your father go?	
	(1)	He did not finish high school.	
	(1)	He graduated from high school.	
	0	He had some education after high school.	
	Φ	He graduated from college.	
	<b>(</b>	I don't know.	

VH336779

© I don't know.

12. Does your mother work?

13. Does your father work?

Yes

YesNo

- ® No
- O I don't know.

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

Yes	No	
<b>®</b>	®	VH271145
	3	VH271146
<b>®</b>	(8)	VH271147
<b>®</b>	<b>®</b>	VH271148
<b>(A)</b>	3	VH271149
<b>®</b>	®	VH271150
	© © © ©	<ul> <li>③</li> </ul>

VH591969

- 15. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - D In all or almost all classes

- 16. In this school year, how often did you use a tablet (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - D In all or almost all classes

- 17. Are you taking an art course this school year (for example, drawing, painting, or studio art)?
  - Yes
  - ® No

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

VH740697

	Yes	No	
a. Taken the SAT or ACT College Entrance Exams	<b>(A)</b>	(3)	VH740702
b. Submitted the Free Application for Federal Student Aid (FAFSA)	<b>®</b>	(8)	VH740703
c. Applied to a 2-year college	<b>®</b>	3	VH740704
d. Been accepted to a 2-year college	<b>®</b>	<b>®</b>	VH740705
e. Applied to a 4-year college	<b>®</b>	<b>®</b>	VH740706
f. Been accepted to a 4-year college	<b>®</b>	3	VH740708
g. Applied to a certificate or diploma program at a school that provides occupational training (such as electrician, beautician, mechanic, computer programmer, etc.)	<b>®</b>	(9)	VH740709
h. Been accepted to a technical training program	(3)	3	VH740710
i. Talked with a military recruiter	<b>®</b>	<b>®</b>	VH740711
j. Enlisted in the military	<u>@</u>	<b>®</b>	VH740712
k. Applied for a full-time job	<b>®</b>	<b>®</b>	VH740713
Been interviewed for a full-time job	@	(3)	VH740714

- 19. Which of the following best describes your high school program?
  - @ General
  - Academic or college preparatory
  - O Vocational or technical

20. Thinking about this school year, do you think you can 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. Learn what you need to learn in your mathematics class	<u> </u>	®	0	0	Œ	VR740540
b. Know how to get the help you need for your mathematics class	<b>®</b>	®	0	Φ	©	VR740541

-		-			
- 1	180	10		n	31

21.	Did	you	receive	any	tutoring	in	mathematics	this	school	year?
-----	-----	-----	---------	-----	----------	----	-------------	------	--------	-------

- Yes
- ® No

VR740558

- 22. To what extent did your mathematics tutor make it easier for you to understand what you were learning?
  - Not at all
  - (B) A little bit
  - O Somewhat
  - D Quite a bit
  - (D) A lot

23.	How easy	was it	for you	to unders	tand the	material	in your	mathematics	tutoring
	sessions?								

- Not at all easy
- A little easy
- Somewhat easy
- Very easy
- © Extremely easy

VH733141

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	Very much like me	
a. I finish whatever I begin.	(8)	(8)	0	Φ	©	VH733142
<ul> <li>I try very hard even after making mistakes.</li> </ul>	<b>®</b>	(8)	0	Φ	©	VH733143
<li>c. I keep working hard even when I feel like quitting.</li>	8	(3)	0	0	©	VH733145
d. I keep trying to improve myself, even when it takes a long time to get there.	<b>®</b>	3	0	0	Œ	VH733144

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	Very much like me	
a. I like complex problems more than easy problems.	8	®	0	0	©	VH733150
b. I like activities that challenge my thinking abilities.	<b>®</b>	8	0	0	©.	VH733151
c. I enjoy situations where I will have to think about something.	0	®	0	0	<b>©</b>	VH733155
d. I enjoy thinking about new solutions to problems.	8	(8)	0	0	<b>(E)</b>	VH733154

VH271934

26. In this school year, how often have you felt any of the following ways about your school? 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	
<ul> <li>a. I felt awkward and out of place at school.</li> </ul>	<b>®</b>	®	0	0	©	VH271942
<ol> <li>I felt happy at school.</li> </ol>	<b>(A)</b>	®	0	0	(E)	VH271944
c. I felt that I learned something that I can use in my daily life.	8	(8)	0	0	©	VH336903

27. 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	
Teachers care about the students.	<b>®</b>	®	0	0	VR730781
b. Students feel comfortable talking with their teachers.	<b>®</b>	<b>®</b>	0	0	VR730782
<ul> <li>c. Teachers expect students to do well.</li> </ul>	<b>®</b>	®	0	0	VR730783
<ul> <li>d. Teachers are available when students need them.</li> </ul>	<b>®</b>	<b>®</b>	0	0	VR730784
<ul> <li>Teachers try to understand students' problems.</li> </ul>	<b>®</b>	<b>®</b>	0	0	VR730785
f. Teachers notice if I need help.	<b>®</b>	®	0	0	VR730786
g. Teachers treat all students respectfully.	<b>®</b>	®	0	0	VR730787

**Appendix J1-11**: Summary of Changes Operational Grade 12 (Core, Reading)

Previous Ite	m						2024 Item	D/A/ R+	Rationale
a. I started working on assignments right away rather than waiting until the last minute. b. I paid attention and resisted distractions. c. I stayed on task without reminders from my teacher. d. I paid attention in class even when I was not interested.	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	VIEZTANI  VIEZTANI  VIEZTANI  VIEZTANI  VIEZTANI  VIEZTANI  VIEZTANI  VIEZTANI	Issue: Grit  9. Thinking about this school year, do you think you can do each of the following? Select	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
							one answer choice on each row.    I definitely   I probably   Can't   Maybe   I probably   I definitely		was added to address gaps in learning that have develope due to th extended period of remote and hybrid learning that took place during th pandemi

L N L / A	VE(14055)		T1 1 11
N/A	10. Did you receive any tutoring in English/language arts this school year?	Α	This Item
	© Yes		was
			added to
	Issue: Learning Recovery		address
			gaps in
			learning
			that have
			developed
			due to the
			extended
			period of
			remote
			and
			hybrid
			learning
			that took
			place
			during the
			pandemic.
			pariacimo
N/A	11. To what extent did your English/language arts tutor make it easier for you to	Α	This Item
	understand what you were learning?  O Not at all		was
	◆ A little bit  ◆ Somewhat		
	Somewhat		added to
	© Quite a bit  O A lot		added to address
	© Quite a bit		address
	© Quite a bit		address gaps in
	⊕ Quite a bit     ⊕ A lot		address
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have
	⊕ Quite a bit     ⊕ A lot		address gaps in learning
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of remote
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of remote and
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of remote and hybrid
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of remote and hybrid learning
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of remote and hybrid learning that took
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the
	⊕ Quite a bit     ⊕ A lot		address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place

N/A	12. How easy was it for you to understand the material in your English/language arts tutoring sessions?  ① Not at all easy ② A little easy ② Somewhat easy ③ Very easy ② Extremely easy	A	This Item was added to address
	Issue: Learning Recovery		gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	14. 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 my school	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.

# Appendix J1-12: Operational Grade 12 (Core, Reading)

- 3. Are you Hispanic or Latino? Select one or more answer choices.
  - No, I am not Hispanic or Latino.
  - (3) Yes, I am Mexican, Mexican American, or Chicano.
  - O Yes, I am Puerto Rican or Puerto Rican American.
  - D Yes, I am Cuban or Cuban American.
  - D Yes, I am from some other Hispanic or Latino background.

- 4. Which of the following best describes you? Select one or more answer choices.
  - White
  - ® Black or African American
  - O Asian
  - O American Indian or Alaska Native
  - D Native Hawaiian or other Pacific Islander

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)
  - D Enough to fill several bookcases (more than 100)

VH271104

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

	Yes	No	
a. Access to the Internet	<b>®</b>	®	VH271106
b. Your own bedroom	<b>®</b>	(3)	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	<b>®</b>	(3)	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<b>®</b>	(3)	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<b>®</b>	(3)	VH271112

1	VИ	3	ς	4	ς	Q	1

7.	Но	w often do you use the Internet for homework at home?	VH334391
		Never	
		About once or twice a month	
		About once or twice a month	
		Almost every day	
	(E)	Every day	
			VH240190
8.	Но	w many days were you absent from school in the last month?	111240190
	(8)	None	
	<b>(B)</b>	1 or 2 days	
	0	3 or 4 days	
	Φ	5 to 10 days	
	(D)	More than 10 days	
			VH240189
9.		w often do you talk about things you have studied in school with someone in ur family?	
	0	Never or hardly ever	
	<b>(B)</b>	Once every few weeks	
	0	About once a week	
	0	Two or three times a week	
	(D)	Every day	

10. How far in school did your mother go?	VH240192
She did not finish high school.	
She graduated from high school.	
She had some education after high school.	
She graduated from college.	
© I don't know.	
o Tubil Cknow.	
	VH240193
11. How far in school did your father go?	
He did not finish high school.	
He graduated from high school.	
He had some education after high school.	
He graduated from college.	
D I don't know.	
12. Does your mother work?	VH336776
① No	
© I don't know.	
12 December 12	VH336779
13. Does your father work?	

YesNo

© I don't know.

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

	Yes	No	
a. Mother	<b>®</b>	(8)	VH271145
b. Stepmother	<b>®</b>	®	VH271146
c. Foster mother or other female legal guardian	<b>®</b>	(3)	VH271147
d. Father	<b>®</b>	<b>®</b>	VH271148
e. Stepfather	<u>®</u>	<b>®</b>	VH271149
f. Foster father or other male legal guardian	<u> </u>	<b>®</b>	VH271150

VH591969

- 15. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - D In all or almost all classes

- 16. In this school year, how often did you use a tablet (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - In all or almost all classes

17. 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.	<b>®</b>	(8)	0	0	Œ	VH733142
<ul> <li>I try very hard even after making mistakes.</li> </ul>	@	(8)	0	•	©	VH733143
c. I keep working hard even when I feel like quitting.	8	(8)	0	0	©	VH733145
d. I keep trying to improve myself, even when it takes a long time to get there.	8	3	0	•	Œ	VH733144

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 like complex problems more than easy problems.	@	(8)	0	0	<b>(E)</b>	VH733150
b. I like activities that challenge my thinking abilities.	@	(8)	0	0	©.	VH733151
c. I enjoy situations where I will have to think about something.	8	8	0	0	0	VH733155
d. I enjoy thinking about new solutions to problems.	@	(8)	0	0	©	VH733154

19. In this school year, how often have you felt any of the following ways about your school? 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. I felt awkward and out of place at school.	<b>®</b>	<b>®</b>	0	0	©	VH271942
b. I felt happy at school.	<b>(A)</b>	®	0	0	Ð	VH271944
c. I felt that I learned something that I can use in my daily life.	8	(8)	0	0	<b>©</b>	VH336903

VR730780

20. 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	
<ol> <li>Teachers care about the students.</li> </ol>	<b>®</b>	®	0	0	VR730781
b. Students feel comfortable talking with their teachers.	<b>®</b>	®	0	0	VR730782
c. Teachers expect students to do well.	<b>®</b>	<b>®</b>	0	•	VR730783
d. Teachers are available when students need them.	<b>®</b>	®	0	0	VR730784
e. Teachers try to understand students' problems.	<b>®</b>	<b>®</b>	0	•	VR730785
f. Teachers notice if I need help.	<b>®</b>	®	0	0	VR730786
g. Teachers treat all students respectfully.	<b>®</b>	®	0	0	VR730787

21.	Are you taking an art course this school year (for example, drawing, painting, or
	studio art)?

- Yes
- ® No

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

VH740697

	Yes	No	
a. Taken the SAT or ACT College Entrance Exams	<b>®</b>	3	VH740702
b. Submitted the Free Application for Federal Student Aid (FAFSA)	<b>®</b>	(8)	VH740703
c. Applied to a 2-year college	<b>®</b>	®	VH740704
d. Been accepted to a 2-year college	<b>®</b>	<b>®</b>	VH740705
e. Applied to a 4-year college	<b>®</b>	®	VH740706
f. Been accepted to a 4-year college	<b>®</b>	<b>®</b>	VH740708
g. Applied to a certificate or diploma program at a school that provides occupational training (such as electrician, beautician, mechanic, computer programmer, etc.)	<b>®</b>	3	VH740709
h. Been accepted to a technical training program	<b>(A)</b>	(8)	VH740710
i. Talked with a military recruiter	<b>®</b>	<b>®</b>	VH740711
j. Enlisted in the military	<b>®</b>	(8)	VH740712
k. Applied for a full-time job	<b>®</b>	®	VH740713
Been interviewed for a full-time job	<b>®</b>	<b>®</b>	VH740714

- 23. Which of the following best describes your high school program?
  - General
  - Academic or college preparatory
  - O Vocational or technical

VR740536

24. Thinking about this school year, do you think you can 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. Learn what you need to learn in your English/language arts class	<b>®</b>	®	0	Ф	©	VR740537
b. Know how to get the help you need for your English/language arts class	<b>®</b>	3	0	0	Œ	VR740538

		2					
	Learn what you need to learn in your English/language arts class	•	(8)	0	<b>©</b>	©	VR740537
	Know how to get the help you need for your English/language arts class	•	(3)	0	<b>©</b>	©.	VR740538
25.	Did you receive any to  Yes  No	itoring in Engl	lish/language	arts this school	ol year?		VR740551
26.	To what extent did you understand what you was Not at all			tor make it eas	sier for you to		VR740552
	A little bit						
	© Somewhat						
	Quite a bit						
	© A lot						
							VR74
	A CONTRACTOR OF THE STATE OF TH	and the second s		the second secon			

- 27. How easy was it for you to understand the material in your English/language arts tutoring sessions?
  - Not at all easy
  - (B) A little easy
  - O Somewhat easy
  - D Very easy
  - © Extremely easy

## **Appendix J1-13**: Summary of Changes Operational Grade 4 (Mathematics)

2024 Operational Grade 4 Mathematics Student						
Previous Item	2024 Item	D/A/ R+	Rationale			
6. How often do you receive help or tutoring with math 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  (2022 Grade 4)	Issue: Resources for Learning and Instruction	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.			

#### **Appendix J1-14**: Operational Grade 4 (Mathematics)

VH350115

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
- D Four or five times
- More than five times

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

VH267415

	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	
My teacher used computers or other digital devices when teaching math to my class.	(8)	(3)	0	0	<b>©</b>	VH588077
b. My teacher required us to use computers or other digital devices to complete math assignments.	@	(3)	0	•	©	VH267419

- 17. How often do you use a calculator?
  - 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

<ul> <li>⚠ About once or twice a year</li> <li>⚠ About once or twice a month</li> <li>⚠ About once or twice a week</li> <li>⚠ Every day or almost every day</li> <li>19. How often do you participate in each of the following activities outside of school? Select one answer choice on each row.</li> <li>Never About once or twice a or twice a lamost</li> </ul>	VH268
About once or twice a week     Every day or almost every day  19. How often do you participate in each of the following activities outside of school?  Select one answer choice on each row.  About once or twice a or twice a or twice a almost	
© Every day or almost every day  9. How often do you participate in each of the following activities outside of school?  Select one answer choice on each row.  About once or twice a or twice a or twice a almost	
9. How often do you participate in each of the following activities outside of school?  Select one answer choice on each row.  About once or twice a or twice a or twice a almost	
Select one answer choice on each row.  About once or twice a or twice a or twice a lamost lamost	
About once About once About once Or twice a or twice a lmost	
year month week every day	
a. Talk about math problems with your	VH26894
b. Play an instrument and read music	VH26896
c. Go to websites for help with your math homework	VH26896

18. How often do you use math in everyday life outside of school?

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.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Estimate the weight of 5 apples using pounds (lbs.)	(8)	8	0	0	©	VH267674
b. Divide 42 stickers among 6 students	8	8	0	0	Œ	VH617317
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	0	<b>®</b>	Θ	0	©.	VH267682
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	•	©	VH267683

VH845110

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	
I want to learn as much as possible in my math class.	8	8	0	0	<b>®</b>	VH845117
b. I want to master a lot of new skills in my math class.	8	(8)	0	0	©	VH845114
c. I want to become better in math this year.	<b>®</b>	(8)	0	0	©	VH845115
d. I want to understand as much as I can in my math class.	<b>®</b>	(8)	0	0	©	VH845118

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 enjoy doing math.	<b>(A)</b>	®	0	0	(D)	VH844770
b. I look forward to my math class.	<u> </u>	®	0	0	(E)	VH844771
c. I am interested in the things I learn in math.	<b>®</b>	®	0	0	<b>©</b>	VH844775
d. I think making an effort in math is worthwhile.	<b>®</b>	®	0	0	0	VH844772
e. I think math will help me even when I am not in school.	<b>®</b>	8	0	0	(£)	VH844777
f. I think it is important to do well in math.	<u> </u>	®	0	0	(E)	VH844774

# Appendix J1-15: Summary of Changes Operational Grade 8 (Mathematics)

Previous Item	2024 Item	D/A/ R+	Rationale
6. How often do you receive help or tutoring with math outside of school or after school?  Dever  About once or twice a year  About once or twice a week  Every day or almost every day	N/A	D	This Item was selected to be dropped
2022 Grade 8)	Issue: Resources for Learning and Instruction		to reduce burden due to the addition of the Learning Recovery Items.
7. How often do you participate in each of the following activities ourside of school! Select one answer choice on each row.    Never	31. How often do you participate in each of the following activities outside of school? Select one answer choice on each row.    Never	R	This Item was selected to be revised to reduce burden due to the addition of the Learning Recovery Items.
13. How much do you enjoy each of the following types of math activities? Select one answer choice on each row.    Enjoy not at all   Enjoy a   Enjoy quite   Enjoy a lot	N/A	D	This Item was selected to be dropped to reduce burden due to th addition of the
2022 Grade 8)	Issue: Student Factors		Learning Recovery

#### **Appendix J1-16:** Operational Grade 8 (Mathematics)

VH266769 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 D First year of a two-year algebra course D Second year of a two-year algebra course Algebra I (one-year course) Algebra II @ Geometry O Other VH240046 26. What math class do you expect to take next year? Geometry Algebra II Algebra I (one-year course) D First year of a two-year Algebra I course D Second year of a two-year Algebra I course D Introduction to algebra or pre-algebra @ Basic or general math Business or consumer math

Other math classI don't know.

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

D Four or five times

(D) More than five times

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

VH266808

	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	<u>(A)</u>	®	0	0	(I)	VH266809
b. Scientific (not graphing) calculator	<b>®</b>	(8)	0	0	Œ	VR191495
c. Graphing calculator	<b>®</b>	(B)	0	0	(E)	VH266810

29. 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	
My teacher used computers or other digital devices when teaching math to my class.	<b>®</b>	(3)	0	•	<b>©</b>	VH588077
b. My teacher required us to use computers or other digital devices to complete math assignments.	@	3	0	•	Œ	VH267419

v	ш	7	ĸ	2	O	R	ĸ

	VH268
30. 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
- D About once or twice a week
- © Every day or almost every day

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

VH589204

	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 math problems with your friends	<b>®</b>	3	0	0	©	VH268946
b. Program computers	<b>(B)</b>	®	0	0	(E)	VH268949
c. Go to websites for help with your math homework	<b>®</b>	8	0	0	©	VH268962

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

33. 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	(8)	<b>®</b>	0	Ф	©.	VH460382
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in w weeks	8	•	0	Ф	Ð	VH460383
c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	0	8	0	Φ	©	VH267679
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	(8)	(3)	0	Ф	Œ	VH267682
e. Give an example to show that a math statement is false	<b>®</b>	(8)	0	Ф	©	VH460399
f. Explain to your classmate how you solved a math problem	@	<b>®</b>	0	Φ	©	VH460910
g. Use correct mathematical words and symbols when showing your work	8	(8)	0	Ф	Œ	VH460902

34. 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.	<b>®</b>	(8)	0	0	©.	VH845117
b. I want to master a lot of new skills in my math class.	<b>®</b>	(8)	0	0	©	VH845114
c. I want to become better in math this year.	<u> </u>	(8)	0	0	©	VH845115
d. I want to understand as much as I can in my math class.	8	(8)	0	0	<b>©</b>	VH845118

VH844769

35. 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.	<b>(A)</b>	<b>®</b>	0	0	(D)	VH844770
<ul> <li>I look forward to my math class.</li> </ul>	<b>®</b>	<b>®</b>	0	<b>©</b>	Œ	VH844771
c. I am interested in the things I learn in math.	(8)	3	0	0	©	VH844775
d. I think making an effort in math is worthwhile.	<b>®</b>	3	0	0	©	VH844772
e. I think math will help me even when I am not in school.	8	3	0	0	©	VH844777
f. I think it is important to do well in math.	<b>®</b>	<b>®</b>	0	Φ	©	VH844774

#### **Appendix J1-17**: Summary of Changes Operational Grade 12 (Mathematics)

Previous Item	2024 Item	D/A/ R+	Rationale
8. 1 your math class this year, how often have you used the following types of alculators? Select one answer choice on each row.    Never or   Never or   Inall of the time   All or   Inall of the time   Ina	8. 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 of the time   More than laif of the	R	SubItem "b." added to match the Grade 8 Item that was administe red in 2022.
32. 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   half of the time   half of the time	Issue: Resources for Learning and Instruction	D	Due to the addition of the Learning Recovery Items, and to further reduce the expected response time at Grade 12, this Item was selected to be dropped.
34. How much does each of the following statements describe you? Select one answer choice on each row.    Not at all like me	N/A  Issue: Student Factors	D	Due to the addition of the Learning Recovery Items, and to further reduce the

			response time at Grade 12, this Item was selected to be dropped.
41. How often do you participate in each of the following activities outside of school? Select one answer choice on each row.    Never	44. How often do you participate in each of the following activities outside of school?    Select one answer choice on each row.	R	Due to the addition of the Learning Recovery Items, and
(2019 Grade 12)	Issue: Resources for Learning and Instruction		to further reduce the expected response time at Grade 12, this Item was revised.
42. How often do you receive help or tutoring with math outside of school or after school?  © Never  About once or twice a year  About once or twice a week  Every day or almost every day  (2019 Grade 12)	Issue: Resources for Learning and Instruction	D	Due to the addition of the Learning Recovery Items, and to further reduce the expected response time at Grade 12, this Item was selected to be dropped.

VILLIAGUS	NI/A		Duo to the
43. Have you ever helped your friends with their math homework?  ◆ Yes	N/A	D	Due to the
⊕ No			addition
			of the
			Learning
(2019 Grade 12)	Issue: Outside of School Learning		Recovery
(2017 Glade 12)			Items, and
			to further
			reduce
			the
			expected
			response
			time at
			Grade 12,
			this Item
			was
			selected
			to be
			dropped.
44. Over the past seven days, how many days have you helped your friends with their math homework? Enter the number of days.	N/A	D	Due to the
math homework? Enter the number of days.			addition
	In the Charles of Frank and		of the
(2019 Grade 12)	Issue: Student Factors		Learning
			_
			Recovery
			Recovery Items, and
			Items, and
			Items, and to further
			Items, and to further reduce
			Items, and to further reduce the
			Items, and to further reduce the expected
			Items, and to further reduce the expected response
			Items, and to further reduce the expected response time at
			Items, and to further reduce the expected response time at Grade 12,
			Items, and to further reduce the expected response time at Grade 12, this Item
			Items, and to further reduce the expected response time at Grade 12, this Item was selected
			Items, and to further reduce the expected response time at Grade 12, this Item was

# **Appendix J1-18**: Operational Grade 12 (Mathematics)

			VH26031
1.	Ho	w easy or difficult was this test?	
	(4)	Extremely difficult	
	<b>(B)</b>	Quite difficult	
	0	Somewhat difficult	
	0	Somewhat easy	
	<b>(</b>	Quite easy	
	Ð	Extremely easy	
2.	Ho	w much effort did you apply to succeed on this test?	VH33365
	(1)	No effort at all	
	<b>(B)</b>	Very little effort	
	0	Some effort	
	0	Quite a bit of effort	
	<b>(D)</b>	A lot of effort	
3.	Are	e you Hispanic or Latino? Select one or more answer choices.	VH24038
	(1)	No, I am not Hispanic or Latino.	
	ⅎ	Yes, I am Mexican, Mexican American, or Chicano.	
	0	Yes, I am Puerto Rican or Puerto Rican American.	
	0	Yes, I am Cuban or Cuban American.	
	(D)	Yes, I am from some other Hispanic or Latino background.	

٦	л	רו	AF	138	9

- 4. Which of the following best describes you? Select one or more answer choices.
  - White
  - ® Black or African American
  - O Asian
  - O American Indian or Alaska Native
  - D Native Hawaiian or other Pacific Islander

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

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

VH271104

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

	Yes	No	
a. Access to the Internet	<b>®</b>	<b>®</b>	VH271105
b. Your own bedroom	<b>®</b>	(8)	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	<b>®</b>	<b>®</b>	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<b>®</b>	(8)	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<b>®</b>	3	VH271112

7	TT	6 1 1 1 1 1 1 2	VH354591
/.		www 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	
	1	Every day	
			VH240190
8.	Ho	w many days were you absent from school in the last month?	VH240190
	(1)	None	
	(13)	1 or 2 days	
	0	3 or 4 days	
	0	5 to 10 days	
	<b>(D)</b>	More than 10 days	
9.		ow often do you talk about things you have studied in school with someone in ur family?	VH240189
	(1)	Never or hardly ever	
	(1)	Once every few weeks	
	0	About once a week	
	0	Two or three times a week	
	<b>(D)</b>	Every day	

			VH240192
10.	Но	w far in school did your mother go?	
	<b>(A)</b>	She did not finish high school.	
	<b>(B)</b>	She graduated from high school.	
	0	She had some education after high school.	
	0	She graduated from college.	
	(E)	I don't know.	
11.	Но	w far in school did your father go?	VH240193
	<b>(A)</b>	He did not finish high school.	
	<b>(B)</b>	He graduated from high school.	
	0	He had some education after high school.	
	0	He graduated from college.	
	(D)	I don't know.	
12.	Do	es your mother work?	VH336776
	<b>(A)</b>	Yes	
	<b>(B)</b>	No	
	0	I don't know.	

13. Does your father work?

© I don't know.

YesNo

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

	Yes	No	
a. Mother	<b>®</b>	(8)	VH271145
b. Stepmother	<b>®</b>	<b>®</b>	VH271146
c. Foster mother or other female legal guardian	<b>®</b>	8	VH271147
d. Father	<b>®</b>	(8)	VH271148
e. Stepfather	<b>®</b>	(8)	VH271149
f. Foster father or other male legal guardian	<b>®</b>	<b>®</b>	VH271150

VH591969

- 15. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - In all or almost all classes

- 16. In this school year, how often did you use a tablet (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - D In more than half of the classes
  - D In all or almost all classes

- 17. Are you taking an art course this school year (for example, drawing, painting, or studio art)?
  - Yes
  - ® No

During this school year, which of the following have you done? Select one answer choice on each row. VH740697

	Yes	No	
a. Taken the SAT or ACT College Entrance Exams	(4)	3	VH740702
b. Submitted the Free Application for Federal Student Aid (FAFSA)	<b>®</b>	<b>®</b>	VH740703
c. Applied to a 2-year college	<b>®</b>	3	VH740704
d. Been accepted to a 2-year college	<b>®</b>	3	VH740705
e. Applied to a 4-year college	<b>(A)</b>	<b>®</b>	VH740706
f. Been accepted to a 4-year college	<b>®</b>	<b>®</b>	VH740708
g. Applied to a certificate or diploma program at a school that provides occupational training (such as electrician, beautician, mechanic, computer programmer, etc.)	<b>®</b>	<b>®</b>	VH740709
h. Been accepted to a technical training program	(3)	(8)	VH740710
i. Talked with a military recruiter	<b>®</b>	<b>®</b>	VH740711
j. Enlisted in the military	<b>®</b>	<b>®</b>	VH740712
k. Applied for a full-time job	<b>(a)</b>	<b>®</b>	VH740713
Been interviewed for a full-time job	<b>®</b>	3	VH740714

- 19. Which of the following best describes your high school program?
  - General
  - Academic or college preparatory
  - O Vocational or technical

VR740539

20. Thinking about this school year, do you think you can 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. Learn what you need to learn in your mathematics class	8	®	0	Φ	Œ	VR740540
b. Know how to get the help you need for your mathematics class	8	<b>®</b>	0	Φ	©	VR740541

	14		

21.	Did	you	receive	any	tutoring	in	mathematics	this	school	year	2
-----	-----	-----	---------	-----	----------	----	-------------	------	--------	------	---

- Yes
- ® No

VR740558

# 22. To what extent did your mathematics tutor make it easier for you to understand what you were learning?

- Not at all
- A little bit
- O Somewhat
- D Quite a bit
- (D) A lot

VR740559

- 23. How easy was it for you to understand the material in your mathematics tutoring sessions?
  - Not at all easy
  - A little easy
  - Somewhat easy
  - Very easy
  - © Extremely easy

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	Very much like me	er.
a. I finish whatever I begin.	(4)	(8)	0	0	Œ	VH733142
<ul> <li>I try very hard even after making mistakes.</li> </ul>	8	(3)	0	0	©	VH733143
<li>c. I keep working hard even when I feel like quitting.</li>	8	(8)	0	0	©	VH733145
d. I keep trying to improve myself, even when it takes a long time to get there.	8	8	0	0	©	VH733144

VH271934

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	Very much like me	
a. I like complex problems more than easy problems.	<b>®</b>	(3)	0	0	©	VH733150
b. I like activities that challenge my thinking abilities.	<b>®</b>	(8)	0	0	©	VH733151
c. I enjoy situations where I will have to think about something.	<b>®</b>	(3)	0	0	©	VH733155
d. I enjoy thinking about new solutions to problems.	<b>®</b>	3	0	0	©	VH733154

26. In this school year, how often have you felt any of the following ways about your school? 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. I felt awkward and out of place at school.	8	8	0	0	G)	VH271942
b. I felt happy at school.	<b>(A)</b>	®	0	0	Œ	VH271944
c. I felt that I learned something that I can use in my daily life.	0	8	0	0	©	VH336903

VR730780

27. 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	
Teachers care about the students.	<b>®</b>	®	0	0	VR730781
b. Students feel comfortable talking with their teachers.	<b>®</b>	®	0	0	VR730782
c. Teachers expect students to do well.	<b>®</b>	<b>®</b>	0	0	VR730783
d. Teachers are available when students need them.	<b>®</b>	<b>®</b>	0	0	VR730784
e. Teachers try to understand students' problems.	<b>®</b>	<b>®</b>	0	0	VR730785
f. Teachers notice if I need help.	<b>®</b>	®	0	0	VR730786
g. Teachers treat all students respectfully.	<b>®</b>	®	0	0	VR730787

28. 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). Select one answer choice on each row.

	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 took this course in Grade 12.	
a. Basic or general mathematics course	8	<b>®</b>	0	0	(Ē)	©	VH240820
b. Tech-prep mathematics, business mathematics, consumer mathematics, or other applied mathematics course	Θ	®	Θ	Θ	Θ	•	VH240844
c. Introduction to algebra or pre-algebra course	8	<b>®</b>	0	•	®	©	VH240822
d. Algebra I course	(8)	®	0	0	Œ	Ð	VH240823
e. Geometry course	(8)	<b>®</b>	0	0	(Ē)	Ð	VH240824
f. Algebra II course, with or without trigonometry	8	(8)	0	0	(E)	•	VH240825
g. Trigonometry (as a separate course)	8	(8)	0	0	(Ē)	©	VH240826
h. Pre-calculus course (also called introductory analysis)	0	(8)	0	0	•	€	VH240833
i. Integrated mathematics 1 (first year of a multi-year course)	8	<b>®</b>	0	0	©	•	VH240841
j. Integrated mathematics 2 (second year of a multi-year course)	8	<b>®</b>	0	0	Œ	•	VH240842
k. Integrated mathematics 3 (third year of a multi-year course)	8	®	0	0	(E)	•	VH240843

	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 took this course in Grade 12.	
1. Integrated mathematics 4 (fourth year of a multi-year course)	<u>®</u>	(8)	0	0	(f)	©	VH240821
m. Probability or statistics course	<u> </u>	(8)	0	0	©	©	VH240836
n. Calculus course	<b>(A)</b>	®	0	0	(Ē)	(Ē)	VH240829
o. Computer programming course (such as C++, Visual Basic, etc.)	<b>®</b>	®	0	Θ	<b>©</b>	<b>©</b>	VH240835

- 29. Are you currently enrolled in or have you taken any of the following Advanced Placement (AP®) courses? Select all that apply.
  - Description Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus AB.
  - (AP) Calculus BC.
  - O Yes, I am enrolled in or have taken Advanced Placement (AP) Statistics.
  - No, I have not taken any of the courses listed above.

- 30. Are you currently enrolled in or have you taken an International Baccalaureate® (IB) mathematics course?
  - **O** Yes
  - ® No

31.		you currently enrolled in or have you taken any online mathematics courses high school or college credit?	VH240049
	(8)	Yes	
	(1)	No	
32.		s there a mathematics course that you would have liked to have taken this ool year but did not take?	VH240050
	8	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.	
		Yes, but my schedule was full.	
		No, there was no other course that I wanted to take.	
			VH240051
33.	Are	e you currently taking a mathematics course?	
	0	Yes	
	(1)	No	
34.		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 math?	VH350115
	0	Never	
	(1)	Once	
	0	Two or three times	
	0	Four or five times	
	<b>(D)</b>	More than five times	

35. 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	(8)	®	0	9	(E)	VH266809
b. Scientific (not graphing) calculator	@	(8)	0	0	©	VR191495
c. Graphing calculator	(4)	®	0	0	Œ	VH266810

- 36. 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?
  - Never
  - About once or twice a year
  - O About once or twice a month
  - D About once or twice a week
  - D Every day or almost every day

37. 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.	(8)	(3)	0	0	©.	VH845117
b. I want to master a lot of new skills in my math class.	<ul><li><b>®</b></li></ul>	(8)	0	•	©.	VH845114
c. I want to become better in math this year.	<b>®</b>	(3)	0	•	©.	VH845115
d. I want to understand as much as I can in my math class.	0	(3)	0	0	©	VH845118

VH613511

38. 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. Create an expression that represents the average number of miles you run in a week if you run 100 miles in w weeks	®	<b>®</b>	0	0	©.	VH460383
b. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	<b>®</b>	(8)	0	0	©.	VH267679
c. Describe the properties shared by every isosceles right triangle	<b>®</b>	3	0	Φ	©	VH267681

39. 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	
a. Decide if your classmate's math work is correct	8	(8)	0	Ф	©	VH460398
b. Give an example to show that a math statement is false	8	8	0	Ф	©	VH460399
c. Explain to your classmate how you solved a math problem	0	8	0	Φ	©	VH460910
d. Use correct mathematical words and symbols when showing your work	8	®	0	•	Œ	VH460902
e. Use definitions of geometric shapes to support an argument	8	®	0	0	©	VH460912

**40.** 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.	<b>(A)</b>	®	0	0	Ð	VH731853
<ul> <li>I look forward to my math class.</li> </ul>	<b>®</b>	<b>®</b>	0	0	<b>®</b>	VH731854
c. I am interested in the things I learn in math.	8	®	0	Θ	Θ	VH731858
d. I think making an effort in math is worthwhile.	<b>®</b>	®	0	0	<u>(</u>	VH731855
e. I think math will help me even when I am not in school.	(8)	8	0	0	<u>(i)</u>	VH731860
f. I think it is important to do well in math.	<b>®</b>	<b>®</b>	0	0	©	VH731857
g. I take mathematics because it will help me in the future.	(4)	®	0	Θ	Θ	VH731859
h. I take mathematics to meet my high school graduation requirements.	(4)	(9)	0	Θ	Θ	VH731856

41. How much do you enjoy each of the following types of math activities? Select one answer choice on each row.

	Enjoy not at all	Enjoy a little bit	Enjoy somewhat	Enjoy quite a bit	Enjoy a lot	
Solving equations or simplifying expressions	0	(3)	0	0	<b>(E)</b>	VH860653
b. Constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)	•	(3)	©	0	©	VH860651
c. Working with geometric figures like rectangles and squares	<b>®</b>	(3)	0	•	<b>(E)</b>	VH860652

7			

- 42. How often do you use math in everyday life outside of school?
  - Never
  - (B) About once or twice a year
  - O About once or twice a month
  - D About once or twice a week
  - © Every day or almost every day

- 43. 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
  - O About once or twice a month
  - D About once or twice a week
  - D Every day or almost every day

**44.** How often do you participate in 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. Talk about math problems with your friends	0	(3)	0	0	©	VH268946
b. Play an instrument and read music	0	®	0	Φ	©	VH268961

		VH46092
45.	Have you ever participated in a math study group outside of school?	
	® No	
46.	Over the past seven days, how many days have you participated in a math study group outside of school? Enter the number of days.	VH460925

## Appendix J1-19: Summary of Changes Operational Grade 4 (Reading)

Previous Item	2024 Item	D/A/ R+	Rationale
10. 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 week  Every day or almost every day  (2022 Grade 4)	N/A  Issue: Resources for Learning and Instruction	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.

# **Appendix J1-20**: Operational Grade 4 (Reading)

			VH332853	
15.	. How often does your teacher ask you to discuss new or difficult vocabulary?			
	(1)	Never		
	(1)	About once or twice a year		
	0	About once or twice a month		
	0	About once or twice a week		
	<b>(D)</b>	Every day or almost every day		
16.		r school this year, how often do you work in pairs or small groups to talk about mething that you have read?	VH332862	
	(1)	Never		
	(1)	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		
17.		r school this year, how often do you have a class discussion about something at the class has read?	VH332871	
	(8)	Never		
	(1)	About once or twice a year		
	0	About once or twice a month		
	0	About once or twice a week		
	<b>(E)</b>	Every day or almost every day		

18.	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?		VH588774
	0	Never	
	<b>®</b>	Once	
	0	Two or three times	
	0	Four or five times	
	(E)	More than five times	
19.	In	this school year, how often do you borrow reading materials (such as books or	VH460301
	magazines) from your classroom library, school library, or media center?		
	(4)	Never	
	(1)	About once or twice a year	
	0	About once or twice a month	
	0	About once or twice a week	
	<b>(D)</b>	Every day or almost every day	
4572111			VH598686
20.		sides doing homework, how much time do you spend reading outside of school?	
	0	Less than 30 minutes a day	
	(1)	About 30 minutes a day	
		About 1 hour a day	
		About 2 hours a day	
		About 3 hours a day	
	<b>(D)</b>	4 or more hours a day	

21. 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	
Figure out the meaning of a word you don't know by using other words in the text	0	(9)	0	•	©.	VH260848
b. Explain the meaning of something you have read	8	8	0	0	©	VH260849
c. Figure out the main idea of a text	<b>®</b>	(8)	0	Φ	©	VH260851
d. Find text in a reading passage to help you answer a question on a test	<u> </u>	(8)	0	•	©	VH260859
e. Recognize when you don't understand something you are reading	0	(3)	0	Φ	©	VH260861
f. Recognize the difference between fact and opinion in a text	<b>®</b>	(8)	0	Φ	©	VH260863

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 want to learn as much as possible in my English/language arts class.	8	(3)	0	0	©	VH844096
b. I want to become a better reader this year.	<u> </u>	<b>®</b>	0	0	©	VH844097
c. I want to understand as much as I can in my English/language arts class.	0	<u>®</u>	0	0	©	VH844098
d. I want to master a lot of new English/language arts skills in my class.	0	(8)	0	•	Œ.	VH844100

VH844168

 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	
<ul> <li>Reading is one of my favorite activities.</li> </ul>	8	<b>®</b>	0	0	Œ	VH844169
<ul> <li>I like talking about books with other people.</li> </ul>	<u>@</u>	(8)	0	0	©	VH844170
<ul> <li>c. I think reading is important.</li> </ul>	<u> </u>	(3)	0	•	Œ	VH844172
d. I enjoy going to a bookstore or a library.	(8)	8	0	0	Œ	VH844171

VR192186

24. 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	<b>®</b>	(3)	0	0	©.	VH260907
b. Read blogs	<b>(A)</b>	<b>®</b>	0	0	(Ē)	VH260913

## Appendix J1-21: Summary of Changes Operational Grade 8 (Reading)

2024 Operational Grade 8 Reading Student							
Previous Item	2024 Item	D/A/	Rationale				
		R+					
10. How often do you typically read each of the following outside of school (print or online)! Select one answer choice on each row.    Never	N/A	D	This Item was selected				
d. Техt messages	<b>Issue:</b> Student Factors		to be dropped to reduce burden due to the				
			addition of the Learning Recovery Items.				
11. How often do you receive help from a tuttor, family member, or friend with English/language arts outside of school or after school?	N/A	D	This Item				
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  (2022 Grade 8)	<b>Issue:</b> Resources for Learning and Instruction		was selected to be dropped to reduce burden due to the addition of the Learning Recovery				
YIGHON	NI/A	5	Items.				
12. How often do you typically do each of the following things outside of school? Select    Never	Issue: Student Factors	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.				

### Appendix J1-22: Operational Grade 8 (Reading)

VH332887

25. 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	8	0	0	Θ	VH332888
b. Work in pairs or small groups to talk about something that you have read	0	®	0	Θ	Θ	VH332889

26. 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	3	0	•	©	VH260256
b. Analyze the author's organization of information in a passage	8	(8)	0	Φ	Œ	VH333142

VH333074

27. 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	8	(8)	0	0	©	VH333075
b. Interpret the meaning of the passage	<b>®</b>	(8)	0	0	©	VH333076
c. Question the motives or feelings of the characters	8	(8)	©	0	©	VH333079
d. Identify the main ideas of the passage	<b>®</b>	(8)	0	0	©	VH333078
e. Identify the themes of the passage	<b>®</b>	®	0	0	®	VH333094

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
- O Two or three times
- D Four or five times
- (D) More than five times

VH598686

- 29. 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 1 hour a day
  - About 2 hours a day
  - About 3 hours a day
  - 4 or more hours a day

VH260847

30. 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	3	0	Φ	©	VH260848
b. Explain the meaning of something you have read	8	(3)	0	0	Œ	VH260849
c. Figure out the main idea of a text	<b>®</b>	®	0	0	©	VH260851
d. Find text in a reading passage to help you answer a question on a test	8	3	0	Φ	Œ	VH260859
e. Recognize when you don't understand something you are reading	0	3	0	Ф	©	VH260861

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	
Recognize the     difference between     fact and opinion in a     text	8	<b>®</b>	0	0	Œ	VH260863
b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	0	(3)	0	Ф	Œ	VH260857
c. Critique an author's craft or technique	@	®	0	0	©	VH260866
d. Use evidence from a text to support my answer	8	®	0	0	©	VH616841
e. Identify the author's perspective in a persuasive text	8	®	0	0	©	VH260868

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.	(4)	®	0	0	©	VH844096
b. I want to become a better reader this year.	(9)	®	0	0	©	VH844097
c. I want to understand as much as I can in my English/language arts class.	0	®	0	0	<u>©</u>	VH844098
d. I want to master a lot of new English/language arts skills in my class.	(9)	8	0	Θ	©	VH844100

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	
Reading is one of my favorite activities.	8	8	0	0	Œ	VH844169
<ul> <li>I like talking about books with other people.</li> </ul>	(8)	8	0	0	©	VH844170
c. I think reading is important.	<b>®</b>	8	0	0	Œ	VH844172
d. I enjoy going to a bookstore or a library.	8	8	0	•	Œ	VH844171

# **Appendix J1-23**: Summary of Changes Operational Grade 12 (Reading)

2024 Operational Grade 12 Reading Student								
Previous Item	2024 Item	D/A/ R+	Rationale					
10. How often do you receive help from a tutor, family member, or friend with English/language arts outside of school or after school?  ① Never  ① About once or twice a year  ② About once or twice a week  ① Every day or almost every day  (2022 Grade 12)	N/A  Issue: Resources for Learning and Instruction	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.					

### Appendix J1-24: Operational Grade 12 (Reading)

VH731527

28. 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	<b>®</b>	(8)	0	0	(2)	VH731530
b. Done a project about something that you have read (for example, written a play, created a website)	•	(3)	©	θ	©	VH731529

29. 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	<b>®</b>	(8)	0	0	<b>©</b>	VH332888
b. Work in pairs or small groups to talk about something that we have read	<b>®</b>	3	0	0	<b>©</b>	VH652035
c. Discuss different interpretations of what we have read	(4)	3	0	0	(E)	VH652037

VH882582

30. 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	
Evaluate the main evidence in a persuasive/argument passage	<b>®</b>	(3)	0	Φ	©	VH260256
b. Analyze the author's organization of information in a passage	8	(3)	0	Ф	Œ	VH333142
c. Critique the author's craft or technique	<b>®</b>	8	0	Ф	©	VH333144

31. 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	8	8	0	0	©	VH333075
b. Interpret the meaning of the passage	<b>®</b>	(8)	0	0	©	VH333076
c. Question the motives or feelings of the characters	0	8	0	•	©	VH333079
d. Identify the main ideas of the passage	<b>®</b>	(8)	0	0	©	VH333078
e. Identify the themes of the passage	<b>®</b>	(8)	0	0	©	VH333094
f. Analyze two or more texts on the same topic	0	8	0	0	©	VH333077

- 32. 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
  - More than five times

33.		a typical school day, how much time do you use a computer or other digital rice to do your English/language arts schoolwork?
	(1)	Less than 30 minutes
	(1)	About 30 minutes

About 1 hour

@ About 2 hours

D About 3 hours

4 or more hours

- 34. 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?
  - Never
  - About once or twice a year
  - O About once or twice a month
  - D About once or twice a week
  - D Every day or almost every day

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	0	<b>®</b>	0	Ф	©.	VH260848
b. Explain the meaning of something you have read	8	(3)	0	Ф	©	VH260849
c. Figure out the main idea of a text	<b>®</b>	®	0	Ф	©	VH260851
d. Find text in a reading passage to help you answer a question on a test	<b>®</b>	3	0	•	Œ	VH260859
e. Recognize when you don't understand something you are reading	<u> </u>	®	0	Φ	©	VH260861

- 36. Besides doing homework, how much time do you spend reading outside of school?
  - Less than 30 minutes a day
  - About 30 minutes a day
  - O About 1 hour a day
  - D About 2 hours a day
  - About 3 hours a day
  - 4 or more hours a day

VH260906

37. 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	<b>®</b>	<b>®</b>	0	0	(D)	VH261066
b. Poems	<b>(A)</b>	(3)	0	0	Œ	VH261067
c. Plays	<b>®</b>	(3)	0	0	Œ	VH261068
d. Biographies	<b>(A)</b>	(8)	0	0	Œ	VH617043
e. Comic books	<b>(A)</b>	®	0	0	Œ	VH261070
f. Magazines	<b>(A)</b>	(8)	0	0	Œ	VH261071
g. E-mails	<b>(A)</b>	(8)	0	0	Œ	VH261074
h. Text messages	<b>(A)</b>	®	0	0	Œ	VH261075

38. 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	(8)	3	0	0	©	VH260907
b. Go to my local library to borrow books (print or online)	(8)	(8)	0	0	©	VH260911
c. Read blogs	<b>(A)</b>	<b>®</b>	0	0	(E)	VH260913
d. Use social media (for example, Facebook, Twitter, Instagram)	<u>®</u>	3	0	0	©	VH333261
e. Help friends with reading homework	<b>®</b>	(3)	0	Φ	<b>©</b>	VH260917

- 39. Are you currently enrolled in or have you taken an Advanced Placement (AP<sup>®</sup>) course in English/language arts? Select all that apply.
  - Yes, I am enrolled in or have taken Advanced Placement (AP) English Language and Composition.
  - Yes, I am enrolled in or have taken Advanced Placement (AP) English Literature and Composition.
  - O No, I have never taken an Advanced Placement (AP) English/language arts course.

Ή		

- 40. Are you currently enrolled in or have you taken the International Baccalaureate<sup>®</sup> (IB) Language A1 course?
  - Yes
  - ® No

VH240007

- 41. Are you currently enrolled in or have you taken any online English/language arts courses for high school or college credit?
  - W Yes
  - ® No

VH611300

42. 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	
Recognize the     difference between     fact and opinion in a     text	8	3	©	0	Œ	VH260863
b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	8	3	0	Ф	Œ	VH260857
c. Critique an author's craft or technique	<b>(A)</b>	®	0	0	©	VH260866
d. Use evidence from a text to support my answer	<b>®</b>	3	0	0	(E)	VH616841
e. Identify the author's perspective in a persuasive text	(8)	(3)	0	0	Œ	VH260868

**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	
a. I want other students to think I am good at reading.	<u> </u>	3	0	0	®	VH844065
b. I want to show others that my English/language arts schoolwork is easy for me.	<b>®</b>	3	0	Φ	Œ	VH844066
c. I want to look smart in comparison to the other students in my English/language arts class.	0	(8)	0	0	©.	VH844068
d. I want to get better English/language arts grades than most other students in my class.	<b>®</b>	3	0	0	Œ	VH844070

44. 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.	8	8	0	0	©	VH844096
b. I want to become a better reader this year.	(8)	8	0	0	©	VH844097
c. I want to understand as much as I can in my English/language arts class.	(4)	(8)	0	0	©.	VH844098
d. I want to master a lot of new English/language arts skills in my class.	(4)	(8)	0	0	©.	VH844100

VH844168

45. 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	
Reading is one of my favorite activities.	8	(8)	0	<b>©</b>	Œ	VH844169
<ul> <li>I like talking about books with other people.</li> </ul>	<u> </u>	(8)	0	•	©	VH844170
<ul> <li>I think reading is important.</li> </ul>	<u> </u>	(8)	0	•	Œ	VH844172
d. I enjoy going to a bookstore or a library.	<b>®</b>	®	0	Φ	©	VH844171

#### **Appendix J1-25**: Operational Grade 8 (Science)

VH639071

 In your science class this year, how often have you done hands-on activities or projects on any of the following topics? Select one answer choice on each row.

		Never or hardly ever	Once in a while	Sometimes	Often	Very often	
a.	Living things (for example, plants, animals, or bacteria)	0	<b>®</b>	0	Θ	(E)	VH639072
b.	Electricity (for example, circuits, batteries, or light bulbs)	0	®	0	Θ	<b>©</b>	VH639074
c.	Chemicals (for example, vinegar, baking soda, or hydrogen peroxide)	0	®	0	Θ	(£)	VH639073
d.	Rocks or minerals (for example, diamond, iron, or lava rock)	0	(8)	0	0	<b>(</b> )	VH639077
e.	Technology and engineering (for example, robots, pulley systems, or ramps)	0	®	0	Θ	•	VH639076

VH639311

In your science class this year, how often have you done each of the following activities? Select one answer choice on each row.

		Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	
a.	Read from a science textbook (print or digital)	0	(8)	0	9	Œ	VH639313
b.	Read a book or magazine (print or digital) about science topics	0	®	0	Θ	<b>©</b>	VH639315
C.	Used the Internet to learn about science topics	0	<b>®</b>	0	0	(D)	VH639314
d.	Watched a short video clip, movie, or video about science topics	0	(8)	0	0	(E)	VH639312
e.	Used a magnifying glass or microscope	0	®	0	0	©	VH887984
f.	Used a thermometer or weighing scale for making measurements	0	®	0	Θ	©	VH639078

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

		I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a.	Describe how the length of a vibrating string affects the sound it makes	8	®	0	Φ	Œ	VH638870
b.	Design an experiment to show how sunlight affects the growth of a plant	0	B	0	<b>©</b>	©	VH638872
c.	Describe what would happen to the number of frogs at a pond if all the insects were removed from the pond	0	®	©	•	©	VH638876
d.	Decide which tool to use if you want to measure wind speed	0	®	0	Φ	©.	VH638883

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 other students to think I am good at science.	0	(B)	0	0	(F)	VH639080
b.	I want to show others that science schoolwork is easy for me.	0	®	0	Θ	Ð	VH639082
c.	I want to look smart in comparison to the other students in my science class.	0	®	0	0	(F)	VH639084
d.	I want to get better grades than most other students in my science class.	0	(8)	0	0	(E)	VH860366

5. 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 science class.	8	(8)	0	<b>©</b>	(E)	VH639086
b.	I want to become better in science this year.	8	•	0	•	<b>(</b> E)	VH639087
c.	I want to understand as much as I can in my science class.	0	<b>®</b>	0	0	(E)	VH639089
d.	I want to master a lot of new skills in my science class.	0	®	0	Φ	©	VH860369

VH638951

6. In this school year, how often have you done 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.	Worked on science-related projects (for example, making a volcano, growing plants from seeds, or building simple rockets)	<b>Ø</b>	<b>B</b>	0	•	<b>©</b>	VH859162
b.	Used scientific tools (for example, microscopes, thermometers, beakers, or weighing scales)	<b>®</b>	®	0	•	©.	VH891927
c.	Read about science topics in books or magazines (print or digital)	<b>®</b>	<b>®</b>	0	0	©	VH638987
d.	Attended clubs or programs that include science or engineering activities (for example chemistry club, robotics club, or coding programs)	<b>(A)</b>	₿	0	0	<b>©</b>	VH893268

7. 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	
	enjoy science ctivities.	8	B	0	0	(E)	VH639117
	look forward to my cience class.	8	®	0	0	<b>®</b>	VH639120
th	am interested in the nings I learn in cience class.	0	®	0	Θ	(i)	VH639122
ef	think making an fort in science class worthwhile.	0	®	0	0	<b>(</b> 2)	VH639125
he	think science will elp me even when I m not in school.	0	®	0	Θ	(£)	VH639127
to	think it is important o do well on science ssignments.	0	®	0	0	<b>(</b> 2)	VH639128

VH639733

8. In this school year, how often have you done the following activities in your science class? Select **one** answer choice on each row.

		Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	
a.	Came up with research questions to explore how something works	0	(B)	0	Θ	Œ	VH639744
b.	Made drawings that explain why or how something happens	0	®	0	Θ	(E)	VH639749
c.	Came up with experiments that you could use to answer a research question	0	(B)	0	Φ	©	VH639753
d.	Used tables or graphs to identify relationships between variables	0	(8)	0	Θ	®	VH639760
e.	Used math equations to explain or support scientific conclusions	0	®	0	Θ	Œ	VH639763
f.	Used evidence from experiments to explain why something happens	0	(B)	0	Θ	©	VH639765
g.	Used information to disagree with someone about a scientific idea	0	<b>®</b>	0	Θ	(Ē)	VH639770
h.	Combined information about science from multiple sources (for example, books, websites, or articles) for an assignment	0	®	0	Φ	©.	VH639777

- 9. How often do you talk about things you have learned in science class with someone in your family?
  - Never or hardly ever
  - Once in a while
  - Sometimes
  - Often
  - D Very often

## Appendix J1-26: Operational Grade 4 (Debrief)

1. How much effort did you apply to succeed on this test?

No effort at all
Very little effort
Some effort
Quite a bit of effort
A lot of effort

# **Appendix J1-27**: Operational Grade 8 and 12 (Debrief)

			VH260313
1.	Но	w easy or difficult was this test?	
	<b>(A)</b>	Extremely difficult	
	B	Quite difficult	
	0	Somewhat difficult	
	0	Somewhat easy	
	(E)	Quite easy	
	(E)	Extremely easy	
			VH333658
2.	Но	w much effort did you apply to succeed on this test?	
	A	No effort at all	
	®	Very little effort	
	0	Some effort	
	0	Quite a bit of effort	
	(E)	A lot of effort	

### **Appendix J1-28**: Summary of Changes Operational Grade 4 (NIES)

2024 Operational	2024 Operational Grade 4 NIES Student						
Previous Item	2024 Item	D/ A/ R+	Rational e				
<ol> <li>How much do you know about your American Indian tribe or Alaska Native group? For example, you may know about the history, traditions, or arts and crafts of your tribe or group.</li> <li>Nothing</li> <li>A little</li> <li>Some</li> <li>A lot</li> </ol>	1. How much do you know about your American Indian or Alaska Native history, beliefs, or traditions?  ② Nothing ③ A little ② Some ③ A lot	R	Revised based on expert group feedbac k.				
2. Who taught you most of what you know about American Indian or Alaska Native history?  ① No one has taught me about American Indian or Alaska Native history.  ① Family members  ② Friends  ① Teachers  ① Tribal representatives or elders  ① Someone else (please specify):	2. Who taught you most of what you know about your American Indian or Alaska Native history?  Do one has taught me about my American Indian or Alaska Native history.  Family members  Friends  Teachers  Tribal nation citizens or elders  Someone else (please specify):	R	Revised based on expert group feedbac k.				
3. Who taught you most of what you know about American Indian or Alaska Native traditions (ways of life, customs)?  ○ No one has taught me about American Indian or Alaska Native traditions.  ○ Family members  ○ Friends  ○ Teachers  ○ Tribal representatives or elders  ○ Someone else (please specify):	3. Who taught you most of what you know about your American Indian or Alaska Native beliefs and traditions (ways of life, customs)?  © No one has taught me about my American Indian or Alaska Native beliefs and traditions.  © Family members  © Friends  © Teachers  © Tribal nation citizens or elders  © Someone else (please specify):	R	Revised based on expert group feedbac k.				
<ul> <li>4. Who taught you most of what you know about American Indian or Alaska Native arts and crafts?</li> <li>No one has taught me about American Indian or Alaska Native arts and crafts.</li> <li>Family members</li> <li>Friends</li> <li>Teachers</li> <li>Tribal representatives or elders</li> <li>Someone else (please specify):</li></ul>	N/A	D	Dropped due to expert group feedbac k.				
<ul> <li>5. Who taught you most of what you know about an American Indian or Alaska Native language?</li> <li>① No one has taught me about an American Indian or Alaska Native language.</li> <li>① Family members</li> <li>② Friends</li> <li>② Teachers</li> <li>① Tribal representatives or elders</li> <li>② Symptom also (Alassa specify);</li> </ul>	4. Who taught you most of what you know about your American Indian or Alaska Native language or languages?  Do No one has taught me about my American Indian or Alaska Native language or languages.  Family members  Friends  Teachers  Tribal nation citizens or elders  Someone else (please specify):	R	Revised based on expert group feedbac k.				
<ul> <li>Someone else (please specify):</li></ul>	N/A	D	Dropped due to content redunda ncy.				

26.	How often does a teac schoolwork? For exam school project, or go o  Never or hardly ev  Once or twice a m  Once or twice a w  Every day or almo	nple, they mi ver your hon ver onth eek	ght help you t	to study for a			N/A								Dropped due to content redunda ncy.
27.	How often does anoth For example, they mig project, or go over you  The Never or hardly est  Once or twice a many  Every day or almost	ght help you ur homework ver nonth reek	to study for a				N/A							D	Dropped due to content redunda ncy.
	How often do you hel For example, you mig school project, or go o  Never or hardly ev  Once or twice a m  Conce or twice a w  Every day or almo	ht help other ver their hor ver onth eek	students to	study for a to			N/A							D	Dropped due to content redunda ncy.
18	<ul> <li>I enjoy reading about life, customs) than I l</li> <li>This is not like m</li> <li>This is a little like</li> <li>This is a lot like r</li> </ul>	e me.	ave different t	traditions and	d cultures (wa	ays of	N/A							D	Dropped due to expert group feedbac k.
23	. To what extent is each of t each row.	he following a p	roblem in your so	chool? Select or	ne circle in	VH241645	N/A							D	Dropped due to
b. c. d. e. f. g. h.	Student absenteeism Student tardiness Student health problems Student misbehavior in class Physical conflicts among students Bullying Low student aspirations Low teacher expectations Low family involvement	Not at all	Small extent	Moderate extent  ©  ©  ©  ©  ©  ©  ©  ©  ©  ©  ©  ©  ©	Large extent	VH241646 VH241647 VH241648 VH241656 VH241652 VH241653 VH241654 VH241655 VH241655 VH241655									expert group feedbac k.
N/	4						25. Do you think you wo					merican	VR615873	Α	Added to
NI.	A.						a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a letter or email to someone e. Speak a few words or phrases f. Have a conversation with someone	I definitely can't	I probably can't	Maybe  ©  ©  ©  ©  ©  ©	I probably can	I definitely can	VR615874  VR615875  VR615876  VR615877  VR615879		extend coverag e of languag e use.
N/	4						26. How often do you typi answer choice on each							Α	Added to
							a. Hear traditional stories or legends from a member of an American Indian or Alaska Native	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	VR615861		extend coverag e of cultural activitie
							community b. Learn about traditional American Indian or Alaska Native medicine c. Hear or play traditional American Indian or Alaska Native music (for example, sing songs,	0	<ul><li>(1)</li><li>(2)</li><li>(3)</li><li>(4)</li><li>(5)</li><li>(6)</li><li>(7)</li><li>(7)</li><li>(8)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><li>(9)</li><l< td=""><td>0</td><td>0</td><td>θ</td><td>VR615863</td><td></td><td>s.</td></l<></ul>	0	0	θ	VR615863		s.
							dance, participate in drum groups, or play other instruments)  d. Play traditional American Indian or Alaska Native games	<b>©</b>	<b>®</b>	0	0	•	VR762086		

N/A	27. How often do you typone answer choice on	pically do each	h of the followin	g activities o	utside of sch	ool? Select	VR620646	Α	Added to
		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			extend coverag
	a. Hear traditional stories or legends from a member of an American Indian or Alaska Native community	0	•	0	0	0	VR620648		e of cultural activitie
	b. Learn about traditional American Indian or Alaska Native medicine	•	(1)	0	0	Φ	VR620650		S.
	c. Hear or play traditional American Indian or Alaska Native music (for example, sing songs, dance, participate in drum groups, or play other instruments)	•	•	0	0	Φ	VR620652		
	d. Play traditional American Indian or Alaska Native games	@	<b>®</b>	0	0	Φ	VR762090		
N/A	How often do yo Internet to do ead activities in scho	ch of the follow	wing	once or	once or one	Every bout day or ce or almos ice a every	r t	A	Added to extend
	answer choice on  Speak to someo Indian or Alask	n each row. me in an Ameri	Never		month w	D E			coverag e of languag
	Learn about Ame b. Alaska Native lan and histories.	erican Indian o nguages, cultur	or ires, A	В	С	D E			e use.
N/A	How often do you Internet to do eaa activities outside one answer choic	h of the follow of school? Sel	ving elect	About once or twice a year	once or on twice a tw	Every day of almost vice a every veek day	r st	A	Added to extend
	a. Speak to someone Indian or Alaska	e in an America Native languag	an A	В	С	D E			coverag e of
	b. Learn about Ame Alaska Native lan and histories.			В	С	D E			languag e use.
	c. Use social media American Indian cultures	to learn about or Alaska Nativ	ive A	В	С	D E			
N/A	20. Think about when yo school, how often did row.	ou attended sci d the following	chool from home g things happen?	or somewhe Select <b>one</b> a	re else <b>outsid</b> nswer choice	e of on each	VR615773	A	Added to cover
		Never or hardly ever On	nce in a while Sometin	mes Often	Always o almost always	I do not remember.			remote learning
	a. I completed the work my teachers or school assigned. b. I had access to a	•	0 0	0	Φ	0	VR615774		experien ces
	computer to help me complete my schoolwork.  c. I had access to the Internet to help		0 0	0	Φ	•	VR615776		
	me complete my schoolwork.  d. I got feedback from my teachers		0 0	•	Φ	0	VR615777		
	about my progress. e. I felt connected to my school friends.		0 0	0	Φ	0	VR615778 VR615779		
								- 1	

## **Appendix J1-29**: Operational Grade 4 (NIES)

1.		www.much do you know about your American Indian or Alaska Native history, liefs, or traditions?	15945
	(1)	Nothing	
	<b>®</b>	A little	
	0	Some	
	0	A lot	
2.		no taught you <b>most</b> of what you know about your American Indian or Alaska ative history?	15946
		No one has taught me about my American Indian or Alaska Native history.	
		Family members	
		Friends	
	_		
	77.0	Teachers	
	<b>(D)</b>	Tribal nation citizens or elders	
	<b>(D)</b>	Someone else (please specify):	
3.		no taught you <b>most</b> of what you know about your American Indian or Alaska ative beliefs and traditions (ways of life, customs)?	15947
	<b>(A)</b>	No one has taught me about my American Indian or Alaska Native beliefs and traditions.	
	<b>®</b>	Family members	
	0	Friends	
	0	Teachers	
	Ð	Tribal nation citizens or elders	
	Ð	Someone else (please specify):	

4.		no taught you <b>most</b> of what you know about your American Indian or Alaska tive language or languages?	KD1.39.30
	<b>(A)</b>	No one has taught me about my American Indian or Alaska Native language or languages.	
	(1)	Family members	
	0	Friends	
	Φ	Teachers	
	Ð	Tribal nation citizens or elders	
	<b>(D)</b>	Someone else (please specify):	
		How often do you go to American Indian or Alaska Native ceremonies and gatherings?	VH240132
	(	D Never	
	(	D Every few years	
	0	O At least once a year	
	(	D Several times a year	
		How often do members of your family talk to each other in your American Indian or Alaska Native language?	VH240133
	(	D Never or hardly ever	
	(	D Once or twice a month	
	0	Once or twice a week	
	(	D Every day or almost every day	
			VH240034
8.		w often do people in your school talk to each other in your American Indian or aska Native language?	
	(3)	Never or hardly ever	
	<b>(D)</b>	Once or twice a month	
	0	Once or twice a week	
	0	Every day or almost every day	

			VH240135
7		ow often do you attend classes <b>in school</b> that are taught in an American Indian or aska Native language?	
	(3)	My school does not offer classes that are taught in an American Indian or Alaska Native language.	
	(13)	Never or hardly ever	
	0	Once or twice a month	
	Φ	Once or twice a week	
	0	Every day or almost every day	
8	Но	w do you rate yourself in speaking an American Indian or Alaska Native	VH240136
0.		guage?	
	<b>(A)</b>	I cannot speak an American Indian or Alaska Native language.	
	(B)	I can speak a few words or phrases.	
	0	I can speak well.	
9.		w do you rate yourself in reading an American Indian or Alaska Native guage?	VH240137
	<b>(A)</b>	I cannot read in an American Indian or Alaska Native language.	
	(B)	I can read a few words or phrases.	
	0	I can read well.	
			VH240139
10.		ring 4th grade, have you attended school field trips to museums, traditional ages, or other places to learn about American Indian or Alaska Native people?	+H240139
	(B)	Yes	
	1	No	

H		

11.	During 4th grade, have you used books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people in school?	
	Yes, three or more times	
	© No	
12.	During 4th grade, have you used books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people outside of school?	VH240141
	Yes, three or more times	
	© No	
		VH240142
13.	In school, do you have access to a library, media center, or resource center with books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people?	
	® No	
14.	When my teacher talks about American Indian or Alaska Native history or culture, I try to read more about it.	VH240143
	This is not like me.	
	This is a little like me.	
	This is a lot like me.	

15	Lei	njoy reading about American Indian or Alaska Native people.	VH240144
13.		This is not like me.	
	<b>(A)</b>		
	(B)	This is a little like me.	
	0	This is a lot like me.	
16.	I p	ut a lot of effort into my schoolwork.	VH240146
	<b>(B)</b>	This is not like me.	
	<b>®</b>	This is a little like me.	
	0	This is a lot like me.	
			VR615951
17.	I w	ant to be my best self at school.	
	(3)	This is not like me.	
	(3)	This is a little like me.	
	0	This is a lot like me.	

18. I enjoy being challenged in my classes.

This is not like me.
This is a little like me.
This is a lot like me.

10	I fo	el that I belong at school.	VH24014
		This is not like me.	
		This is a little like me.	
(	0	This is a lot like me.	
			VH24015
20.	If I	put in enough effort, I will succeed in school.	
(	<b>(A)</b>	Strongly disagree	
(	B	Disagree	
(	0	Agree	
(	0	Strongly agree	
	_		VH24015
		ring hard in school will help me live a good life when I grow up.	
		Strongly disagree	
(	1	Disagree	
(	0	Agree	
(	0	Strongly agree	
			VH240156
22. Ho	w	much do you like school?	

Not at allA littleSomewhatVery much

23.		ong to or are enrolled in?	
	<b>(A)</b>	Yes	
	<b>®</b>	No	
	0	I'm not sure.	
	.,		VH242881
24.	box	you know the name of the American Indian tribe or Alaska Native group that u belong to or are enrolled in, or if you think you know it, please write it in the x below. Do not worry about spelling. If you belong to more than one American lian tribe or Alaska Native group, write the names of as many as you know.	
	-		
	_		
	_		
	_		
	_		

		70

**26.** How often do you typically do each of the following activities **in school?** Select **one** answer choice on each row.

VR615853

	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. Hear traditional stories or legends from a member of an American Indian or Alaska Native community	8	Ф	0	0	Φ	VR615861
b. Learn about traditional American Indian or Alaska Native medicine	8	•	0	0	0	VR615863
c. Hear or play traditional American Indian or Alaska Native music (for example, sing songs, dance, participate in drum groups, or play other instruments)	0	Φ	0	0	Θ	VR615864
d. Play traditional American Indian or Alaska Native games	<b>®</b>	•	0	0	©	VR762086

27. How often do you typically 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. Hear traditional stories or legends from a member of an American Indian or Alaska Native community	8	•	0	0	Φ	VR620648
b. Learn about traditional American Indian or Alaska Native medicine	<b>®</b>	•	0	0	0	VR620650
c. Hear or play traditional American Indian or Alaska Native music (for example, sing songs, dance, participate in drum groups, or play other instruments)	0	•	0	•	•	VR6206S2
d. Play traditional American Indian or Alaska Native games	0	•	0	0	0	VR762090

25. Do you think you would be able to do each of the following things in your American Indian or Alaska Native language? Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
Read a few words or phrases	0	•	0	0	Φ	VR615874
b. Read a story	0	0	0	0	0	VR615875
c. Write a few words or phrases	0	•	0	0	0	VR615876
d. Write a letter or email to someone	8	•	0	0	0	VR615877
e. Speak a few words or phrases	0	•	0	0	0	VR615878
f. Have a conversation with someone	0	•	0	0	Ф	VR615879

	How often do you typically use the Internet to do each of the following activities <b>in school</b> ? 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.	Speak to someone in an American Indian or Alaska Native language	A	В	C	D	E
b.	Learn about American Indian or Alaska Native languages, cultures and histories.	A	В	С	D	E

	How often do you typically use the Internet to do each of the following activities <b>outside of school</b> ? 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.	Speak to someone in an American Indian or Alaska Native language	A	В	С	D	E
b.	Learn about American Indian or Alaska Native languages, cultures, and histories.	A	В	С	D	E
C.	Use social media to learn about American Indian or Alaska Native cultures	A	В	С	D	E

### Appendix J1-30: Summary of Changes Operational Grade 8 (NIES)

2024 Opera	ational Grade 8 NIES Student		
Previous Item	2024 Item	D/ A/ R+	Rational e
<ul> <li>2. Who taught you most of what you know about American Indian or Alaska history?</li> <li>No one has taught me about American Indian or Alaska Native history</li> <li>Family members</li> <li>Friends</li> <li>Teachers</li> <li>Tribal representatives or elders</li> <li>Someone else (please specify):</li></ul>	Native history?	R	Revised based or expert group feedback
3. Who taught you most of what you know about American Indian or Alask traditions (ways of life, customs)?  On the No one has taught me about American Indian or Alaska Native tradity Family members Friends Teachers Tribal representatives or elders Someone else (please specify):	No one has taught me about my American Indian or Alaska Native beliefs and traditions.	R	Revised based or expert group feedback
Native language?  No one has taught me about an American Indian or Alaska Native lar Family members Friends Teachers Tribal representatives or elders	4. Who taught you most of what you know about your American Indian or Alaska Native language or languages?    3 No one has taught me about my American Indian or Alaska Native language or languages.   4 Family members   5 Friends   6 Teachers   6 Tribal nation citizens or elders   6 Someone else (please specify):	R	Revised based or expert group feedback
<ul> <li>◆ Someone else (please specify):</li></ul>	N/A	D	Dropped due to expert group feedback
4. Who taught you most of what you know about issues today that are important to American Indian or Alaska Native people?  Do No one has taught me about issues today that are important to American Indian or Native people.  E milly members  Friends  Teachers  Tribal representatives or elders  Someone else (please specify):	No one has taught me about issues today that are important to American Indian or Alaska Native people.     Family members     Friends     Teachers     Tribal nation citizens or elders	R	Revised based or expert group feedback
26. During 8th grade, how many times have you talked to each of the following people about the classes you should take in high school or about what you want to do after high school? Select one answer choice on each row.    Never	23. During 8th grade, how many times have you talked to each of the following people about the classes you should take in high school or about what you want to do after high school? Select one answer choice on each row.    Never	R	Sub-item e only. Revised based or expert group feedback
13. During 8th grade, have you attended any of the following activities organized by your school? Select one answer choice on each row.  Yes No  a. Presentations by American Indian or Alaska Native people about their traditions and cultures (ways of life, customs)  b. American Indian or Alaska Native art and craft demonstrations  c. Traditional American Indian or Alaska Native and Native musts and/or dance performances  d. Field trips to museums, traditional villages, or other places to learn about American Indian or Alaska Native people	N/A	D	Sub-item b only. Dropped due to expert group feedback

	bout reading. S erson like you.	elect one answer	r choice on each	row to show w	hetl	V/A							D	Sub-iten
	This is	s not like Th	nis is a little	This is a lot lik	e									c only. Dropped
a. When my teacher talks abo		me.	like me.	me.	+									due to
American Indian or Alaska Native history or culture, I		0	0	0	v									II
read more about it. b. I enjoy reading about Ameri	can				+								1	expert
Indian or Alaska Native pec c. I enjoy reading about people	pple.	0	(8)	0	v									group feedbacl
have different traditions and cultures (ways of life, custo than I have.	ms)	@	•	0	v									leedbaci
25. How often do any of the for example, they might help go over your homework w	ollowing people you to study for	help you with yo	our schoolwork?	For oject, or	VB	N/A							D	Dropped
go over your homework w		Once or twice	Once or twice	Every day or almost every	Т									due to expert
a A narent or someone else	Never or hardly ever	a month	a week	day	L									group
A parent or someone else from my family     A teacher or another adult	@	(1)	0	0	VH2									feedbac
from my school	0	(1)	0	0	VH2									.
c. Another student d. A tribal representative or	0	0	0	0	VH2									
23. During 8th grade, how ma about the classes you shot high school? Select one an	ıld take in high	school or about	h of the followin what you want t	g people o do after	,	23. During 8th grade, how ma about the classes you shot high school? Select one ar	uld take in high	h school or abo	each of the foll ut what you w	owing people ant to do afte	er	VH241554	R	Sub-iten e only.
	Never	One time	Two or three times	Four or more	T		Never	One time	Two or th	ree Four	or more mes			Revised
a. A family member	•	0	0	0	VH	a. A family member	<b>®</b>	(3)	©			VH241555		due to
b. A teacher c. A school counselor	® ®	0	0	0	VH	b. A teacher	0	0	0		0	VH241556		expert
d. Another student	0	0	0	0	VH	c. A school counselor d. Another student	<ul><li>Ø</li><li>Ø</li></ul>	(3)	0	_	0	VH241557 VH241561		group
e. A tribal nation citizen or elder	0	0	0	0	VR	e. A tribal nation citizen or elder	<b>®</b>	0	0		9	VR762570		feedbac
f. Someone else who lives in my community or is a friend of my family	•	•	0	0	VH	f. Someone else who lives in my community or is a	<b>®</b>	<b>®</b>	0		0	VH241558		ŀ
						friend of my family							<u> </u>	Duana
<ol><li>To what extent is each of each row.</li></ol>	the following a	problem in your	school? Select o	ne circle in	ı	N/A							D	Dropped due to
	Not at all	Small extent	Moderate extent	Large exter	nt									expert
a. Student absenteeism	•	(8)	0	0	_									group
b. Student tardiness c. Student health problems	<b>®</b>	(D)	0	0	-									feedbac
d. Student misbehavior in														pecubac
		(1)	0	0	٦,									
e. Physical conflicts among			-		,									-
e. Physical conflicts among students f. Bullying	© ©	0	0	0	, ,									
e. Physical conflicts among students f. Bullying g. Low student aspirations	©	© ©	0	0	,									
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations	<b>3</b>	© ©	0	0	,									
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0 0	0 0	,	25. Do you think you woul Indian or Alaska Native	e language? Se		er choice on ea		nerican I definit	vely	A	Added to extend coverag e of
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0 0	0 0	,	Indian or Alaska Native	I definitely can't	I probably can't	Maybe	I probably	I definit		R6	extend coverag e of
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0 0	0 0		Indian or Alaska Native	I definitely can't	I probably can't	Maybe  ©	I probably can	I definit	veely	R6	extend coverag e of languag
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or	e language? Se  I definitely can't	I probably can't	Maybe  ©	I probably can	I definit	VR	R6	extend coverag e of
e. Physical conflicts among students f. Bullying g. Low student aspirations	© © ©	© © 0	0 0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases	e language? Se  I definitely can't	I probably can't	Maybe  ©  ©	I probably can	I definit	VR6	R6	extend coverag e of languag
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a letter or email to someone	e language? Se  I definitely can't	I probably can't	Maybe  ©	I probably can	I definit	VR6	R6	extend coverag e of languag
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a letter or email to someone e. Speak a few words or phrases	e language? Se  I definitely can't	I probably can't	Maybe  ©  ©	I probably can	I definit	VR6	315 515 515	extend coverag e of languag
. Physical conflicts among students . Bullying . Low student aspirations a. Low teacher expectations . Low family involvement	© © ©	© © 0	0 0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a letter or email to someone e. Speak a few words or	I definitely can't	I probably can't	Maybe  ©  ©  ©	I probably can	I definit	VR6 VR6 VR6	286 313 313 313 313 313	extend coverag e of languag
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a fet words or phrases ed. Write a fet words or phrases for phrases for the words or phrases for the acconversation	I definitely  Gran't	I probably can't	Maybe  ©  ©  ©  ©  ©	I probably can	I definit can	VR6 VR6 VR6 VR6 VR6	286 313 313 313 313 313	extend coverag e of languag e use.
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a letter or email to someone e. Speak a few words or phrases f. Have a conversation with someone	I definitely  Gran't	I probably can't	Maybe  Maybe	I probably can	I definite can	VR6 VR6 VR6 VR6 VR6	315 A	extend coverage of language use.  Added textend coverage of
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a letter or email to someone e. Speak a few words or phrases f. Have a conversation with someone  26. How often do you typ answer choice on each stories or legends from a member of an American Indian or Alaska Native community	language? Se  I definitely can't  O  O  O  O  O  O  O  O  O  O  O  O  O	I probably can't  One of the follow of the follow or twice a	Maybe  D D D D D D D D D D D D D D D D D D	I probably can  sin school?	I definite can	VRd VRd VRd VRd VRd VRd VRd	315 A	extend coverag e of languag e use.  Added to extend coverag
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a letter or email to someone e. Speak a few words or phrases f. Have a conversation with someone  26. How often do you typy answer choice on each stories or legends from a member of an American Indian or Alaska Native community b. Learn about traditional American Indian or Alaska Native medicine	language? Se  I definitely can't	I probably can't  Output  Outp	Maybe  Maybe	I probably can  Description of the control of the c	I definite can	VRA	315 A	extend coverage of language use.  Added textend coverage of cultural
e. Physical conflicts among students f. Bullying g. Low student aspirations h. Low teacher expectations i. Low family involvement	© © ©	© © 0	0 0	0 0		a. Read a few words or phrases b. Read a story c. Write a few words or phrases d. Write a few words or phrases d. Write a letter or email to someone e. Speak a few words or phrases f. Have a conversation with someone  26. How often do you typ answer choice on each stories or legends from a member of an American Indian or Alaska Native community b. Learn about traditional American Indian or Alaska Indian or Indian or Indian or Indian or Indian Onto Indian Indian Onto Indian Indian Onto Indian Indian Onto Indian Indian Indian Indian Onto Indian Indian Indian Onto Indian	language? See I definitely can't  Comparison of the comparison of	I probably can't  One of the follow  About once or twice a year	Maybe  D D D D D D D D D D D D D D D D D D	I probably can  Sin school?  About 6 or twice weel	I definite can	VRM	315 A	extend coverage of language use.  Added textend coverage of cultural

N/A		How often do you typ		ch of the foll	owing ac	ctivities o	utside of scl	iool? Select	VR620646	Α	Added to extend
			Never	About or or twice year	a or	out once twice a nonth	About once or twice a week	Every day almost every da	t l		coverag e of
		Hear traditional stories or legends from a member of an American Indian or Alaska Native community	<b>®</b>	•		0	0	0	VR620648		cultural activities
		Learn about traditional American Indian or Alaska Native medicine	•	•		0	0	0	VR620650		
		Hear or play traditional American Indian or Alaska Native music (for example, sing songs, dance, participate in drum groups, or play other instruments)	⊗	•		0	0	0	VR620652		
		Play traditional American Indian or Alaska Native games	0	•		0	0	0	VR762090		
N/A										Α	Added to
		How often do Internet to do activities in so answer choice	each of the f hool? Select	following t one	Never	Abo once twice	or once	or once o	or almost a every		extend coverag e of
		a. Speak to som Indian or Ala	neone in an A aska Native l	American language	A	В	С	D	E		languag e use.
		Learn about A b. Alaska Native and histories.			A	В	С	D	E		
N/A		How often do y Internet to do e activities outsid one answer cho	ach of the fol le of school?	lowing Select	Never	About once or twice a year	once or	About once or twice a week	Every day or almost every day	A	Added to extend coverag
		a. Speak to someor Indian or Alaska			A	В	С	D	E		e of languag e use.
		b. Learn about Am Alaska Native la and histories.			A	В	С	D	E		c usc.
		c. Use social media American Indian cultures			A	В	С	D	E		
N/A	20.	. Think about when school, how often row.	you attended id the follo	ed school frowing thing	om hom s happer	ne or som	ewhere else	e outside of		VR: A	Added to cover
			Never or hardly ever	Once in a while	Somet	times	Often	lways or almost always	I do not remember.		remote learning
		I completed the work my teachers or school assigned.	•	(8)	0	>	Θ	<b>(D)</b>	<b>•</b>	R61:	experien ces
		I had access to a computer to help me complete my schoolwork.	@	•	c		0	Φ	<b>(</b> )	R61:	
		I had access to the Internet to help me complete my schoolwork.	<b>®</b>	<b>®</b>	c		0	Φ	<b>⊕</b> v	R615	
		I got feedback from my teachers about my progress.	®	•	•		•	Φ	Ø V	R61:	
	e.	I felt connected to my school friends.	•	•	•		Φ	0	① V	R61:	

## **Appendix J1-31**: Operational Grade 8 (NIES)

3		
	No one has taught me about my American Indian or Alaska Native history.	
B	Family members	
0	Friends	
0	Teachers	
D	Tribal nation citizens or elders	
D	Someone else (please specify):	
		R615947
Ð	No one has taught me about my American Indian or Alaska Native beliefs and traditions.	
B	Family members	
0	Friends	
1	Teachers	
D	Tribal nation citizens or elders	
D	Someone else (please specify):	
	no taught you most of what you know about your American Indian or Alaska	R615950
<b>3</b>	No one has taught me about my American Indian or Alaska Native language or languages.	
B	Family members	
0	Friends	
0	Teachers	
D	Tribal nation citizens or elders	
Ð	Someone else (please specify):	
		Who taught you most of what you know about your American Indian or Alaska Native beliefs and traditions (ways of life, customs)?  No one has taught me about my American Indian or Alaska Native beliefs and traditions.  Family members  Friends  Teachers  Tribal nation citizens or elders  Someone else (please specify):

		VH240034
8.	How often do people in your school talk to each other in your American Indian or Alaska Native language?	
	<ul> <li>Never or hardly ever</li> </ul>	
	Once or twice a month	
	Once or twice a week	
	Every day or almost every day	
1	4. How often do members of your family talk to each other in your American Indian or Alaska Native language?	VH240133
	Never or hardly ever	
	Once or twice a month	
	Once or twice a week	
	© Every day or almost every day	
	5. How often do you attend classes in school that are taught in an American Indian or Alaska Native language?      My school does not offer classes that are taught in an American Indian or Alaska N	VH240135
	language.	ative
	Never or hardly ever	
	Once or twice a month	
	Once or twice a week	
	© Every day or almost every day	
	6. In school, do you have access to a library, media center, or resource center with books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people?	VH240142
	® No	

STREET, SQUARE,			

7. How much do you like school?	
Not at all	
A little	
© Somewhat	
Very much	
8. Do you know the name of the American Indian tribe or Alaska Native group you	VH240157
belong to or are enrolled in?	
⊕ Yes	
No     I'm not sure.	
9. If you know the name of the American Indian tribe or Alaska Native group that	VH242881
you belong to or are enrolled in, or if you think you know it, please write it in the box below. Do not worry about spelling. If you belong to more than one American Indian tribe or Alaska Native group, write the names of as many as you know.	

·			

VH241514

11. How much do you know about each of the following? Select one answer choice on each row.

	Nothing	A little	Some	A lot	
a. Your American Indian or Alaska Native history	<b>®</b>	0	0	0	VH241515
b. Your American Indian or Alaska Native traditions and culture (way of life, customs)	•	Φ	0	0	VH241517
c. Issues today that are important to American Indian or Alaska Native people	0	Φ	0	0	VH241516

- **4.** Who taught you **most** of what you know about issues today that are important to American Indian or Alaska Native people?
  - No one has taught me about issues today that are important to American Indian or Alaska Native people.
  - Family members
  - O Friends
  - **Teachers**
  - Tribal representatives or elders
  - Someone else (please specify):

6. How often have you participated in each of the following? Select one answer choice on each row.

VH241518

		Never	Every few years	At least once a year	Several times a year	
a.	Ceremonies and gatherings for people from your American Indian tribe or Alaska Native group	(A)	(8)	0	0	VH241519
b.	Ceremonies and gatherings that bring people together from many different American Indian tribes or Alaska Native groups	<b>®</b>	®	0	0	VH241521
c.	Other American Indian or Alaska Native activities	<b>®</b>	®	0	0	VH241520

STREET, AND PER			

- 14. During 8th grade, how often have any of your teachers talked to your class about the history, traditions, and cultures (ways of life, customs) of American Indian or Alaska Native people?
  - (3) Never or hardly ever
  - D Once or twice a month
  - Once or twice a week
  - D Every day or almost every day

VH241522

15. During 8th grade, have you attended any of the following activities organized by your school? Select one answer choice on each row.

	Yes	No	
Alaska Native people about their traditions and cultures (ways of life, customs)	<b>®</b>	•	VH241523
b. Traditional American Indian or Alaska Native music and/or dance performances	0	<b>®</b>	VH241525
c. Field trips to museums, traditional villages, or other places to learn about American Indian or Alaska Native people	⊗	■	VH241524

VH240160

- 16. During 8th grade, have you used books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people in school?
  - D Yes, once or twice
  - ® Yes, three or more times
  - O No

VH240161

- 17. During 8th grade, have you used books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people outside of school?
  - D Yes, once or twice
  - ® Yes, three or more times
  - O No

VH241533

18. Here are some sentences about reading. Select one answer choice on each row to show whether the sentence describes a person like you.

	This is not like me.	This is a little like me.	This is a lot like me.	
When my teacher talks about     American Indian or Alaska     Native history or culture, I try to read more about it.	•	Φ	0	VH241536
b. I enjoy reading about American Indian or Alaska Native people.	®	•	0	VH241538

VR615952

 Here are some sentences about you and your school. Select one answer choice on each row to show whether the sentence describes you.

	This is not like me.	This is a little like me.	This is a lot like me.	
I put a lot of effort into my schoolwork.	•	0	0	VR615953
b. I want to be my best self at school.	•	•	0	VR615954
<ul> <li>I enjoy being challenged in my classes.</li> </ul>	•	•	0	VR615955
d. I feel that I belong in school.	<b>®</b>	•	0	VR615956

20. How much do you agree with each of the following statements? Select one answer choice on each row.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. If I put in enough effort, I will succeed in school.	<b>®</b>	•	0	0	VH241545
b. If I put in enough effort in school, I will get into college.	<b>®</b>	•	0	0	VH241547
c. If I put in enough effort in school, I will get a good job.	®	0	0	0	VH241546

VH240162

- 21. How much are the things you are learning in school preparing you for the life you want to lead?
  - Not at all
  - A little
  - O A fair amount
  - Very much

VH240163

- 22. During 8th grade, how often have you talked with any of your teachers outside of regular class periods? For example, to get extra help with your assignments, to talk about issues that matter to you, or just to visit.
  - Never or hardly ever
  - ® Once or twice a month
  - Once or twice a week
  - D Every day or almost every day

VH241554

23. During 8th grade, how many times have you talked to each of the following people about the classes you should take in high school or about what you want to do after high school? Select one answer choice on each row.

	Never	One time	Two or three times	Four or more times	
a. A family member	<b>®</b>	0	0	0	VH241555
b. A teacher	<b>®</b>	0	0	0	VH241556
c. A school counselor	(3)	0	0	0	VH241557
d. Another student	(3)	(1)	0	0	VH241561
e. A tribal nation citizen or elder	•	•	0	0	VR762570
f. Someone else who lives in my community or is a friend of my family	(3)	(1)	0	•	VH241558

24. Do you plan to do any of the following in your first year after high school? Select one answer choice on each row.

	Yes	No	
a. Go to college full time	<b>®</b>	0	VH241563
b. Go to college part time	(3)	(1)	VH241564
c. Go to another school (for example, career training, technical, or trade/vocational) full time	<b>©</b>	•	VH241565
d. Go to another school (for example, career training, technical, or trade/vocational) part time	©	•	VH241566
e. Join the military	<b>®</b>	0	VH241572
f. Work full time	⊗	0	VH241568
g. Work part time	⊕	•	VH241569
h. Travel	⊗	0	VH241570
i. Care for family	<b>®</b>	0	VH241571

VR615853

25. Do you think you would be able to do each of the following things in your American Indian or Alaska Native language? Select one answer choice on each row.

910	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
Read a few words or phrases	<b>®</b>	•	0	0	Φ	VR615874
b. Read a story	<b>®</b>	(1)	0	0	0	VR615875
c. Write a few words or phrases	0	•	0	0	0	VR615876
d. Write a letter or email to someone	0	•	0	0	0	VR615877
e. Speak a few words or phrases	<b>®</b>	•	0	0	0	VR615878
f. Have a conversation with someone	8	•	0	0	Φ	VR615875

26. How often do you typically do each of the following activities in 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. Hear traditional stories or legends from a member of an American Indian or Alaska Native community	8	•	0	0	θ	VR615861
b. Learn about traditional American Indian or Alaska Native medicine	3	0	0	0	Θ	VR615863
c. Hear or play traditional American Indian or Alaska Native music (for example, sing songs, dance, participate in drum groups, or play other instruments)	<b>®</b>	•	0	0	θ	VR615864
d. Play traditional American Indian or Alaska Native games	<b>®</b>	•	0	0	0	VR762086

27. How often do you typically 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. Hear traditional stories or legends from a member of an American Indian or Alaska Native community	⊗	Φ	0	@	θ	VR620648
b. Learn about traditional American Indian or Alaska Native medicine	⊗	0	0	0	0	VR620650
c. Hear or play traditional American Indian or Alaska Native music (for example, sing songs, dance, participate in drum groups, or play other instruments)	0	•	0	0	θ	VR620652
d. Play traditional American Indian or Alaska Native games	<b>®</b>	(8)	0	0	Φ	VR762090

VH241527

**14.** During 8th grade, have you participated in any of the following activities **organized by your school**? Select **one** answer choice on each row.

	Yes	No	
a. Sports team	®	®	VH241528
b. Music club, orchestra, or band	<b>®</b>	®	VH241532
c. Cultural dances or other American Indian or Alaska Native activities (for example, drum groups)	<b>®</b>	₿	VH241531
d. Academic club (for example, math club)	<b>®</b>	®	VH241530

/14		

- 10. How do you rate yourself in speaking an American Indian or Alaska Native language?
  - I cannot speak an American Indian or Alaska Native language.
  - I can speak a few words or phrases.
  - I can speak well.

VH240137

- 11. How do you rate yourself in reading an American Indian or Alaska Native language?
  - I cannot read in an American Indian or Alaska Native language.
  - I can read a few words or phrases.
  - O I can read well.

VR615773

20. Think about when you attended school from home or somewhere else outside of school, how often did the following things happen? Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	I do not remember.	
I completed the work my teachers or school assigned.	8	®	0	0	Œ	(F)	VR615774
b. I had access to a computer to help me complete my schoolwork.	<b>®</b>	(B)	0	Θ	Ð	©	VR615776
c. I had access to the Internet to help me complete my schoolwork.	<b>®</b>	(B)	0	Θ	€	Ð	VR615777
d. I got feedback from my teachers about my progress.	<b>®</b>	®	0	0	Œ	©.	VR615778
e. I felt connected to my school friends.	<b>®</b>	<b>®</b>	0	0	Œ	©	VR615779

	How often do you typically use the Internet to do each of the following activities <b>in school</b> ? 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.	Speak to someone in an American Indian or Alaska Native language	A	В	C	D	E
b.	Learn about American Indian or Alaska Native languages, cultures, and histories.	A	В	С	D	E

	How often do you typically use the Internet to do each of the following activities <b>outside of school</b> ? 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
d.	Speak to someone in an American Indian or Alaska Native language	A	В	C	D	E
e.	Learn about American Indian or Alaska Native languages, cultures, and histories.	A	В	С	D	E
f.	Use social media to learn about American Indian or Alaska Native cultures	A	В	С	D	E

#### Appendix J1-32: Pilot Grade 4 (Core)

VR586105

5. During this school year, how often do you use a computer, tablet, or Chromebook to do the following things during your classes at school? Select one answer choice on each row.

this year? 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	
a. Practice a skill	<b>(A)</b>	®	0	0	(Ē)	VR586109
b. Create artwork	<b>(A)</b>	®	0	0	Œ	VR586113
c. Work with other students	<b>®</b>	®	0	0	Œ	VR586120
d. Create and share presentations	<b>(A)</b>	®	0	0	Œ	VR586121
e. Read about current events	<u> </u>	®	0	0	Œ	VR586125

2. How much does each of the following statements describe the teachers at your school

A little bit Quite a bit Not at all like Exactly like like the like the the teachers at the teachers at teachers at my teachers at my my school my school school school a. Teachers care about (3) 1 0 VR586627 0 students. b. Students feel comfortable talking with their VR586628 (3) (3) 0 0 teachers. c. Teachers expect students (3) (B) 0 0 VR586630 to do well. d. Teachers are available VR586631 (3) (B) 0 0 when students need them. e. Teachers try to understand (3) (13) 0 VR586633 students' problems. f. Teachers notice if students 0 VR586634 (3) (3) 0 need help. g. Teachers treat all students VR586636 (3) (1) 0 1 respectfully.

	R			

- 3. Are you Hispanic or Latino?
  - Yes, I am Hispanic or Latino.
  - ® No, I am not Hispanic or Latino.

- 4. Last school year, did you attend the same school as this school year?
  - **®** Yes
  - ® No

#### Appendix J1-33: Pilot Grade 8 (Core)

VR586105

5. During this school year, how often do you use a computer, tablet, or Chromebook to do the following things during your classes at 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	
a. Practice a skill	<b>(A)</b>	®	0	9	(E)	VR586109
b. Create artwork	<b>(A)</b>	®	0	0	(Ē)	VR586113
c. Work with other students	<b>(A)</b>	®	0	0	(E)	VR586120
d. Create and share presentations	<b>(A)</b>	®	0	0	Œ	VR586121
e. Read about current events	<b>(A)</b>	®	0	0	(Ē)	VR586125

2. 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	
Teachers care about students.	<b>®</b>	(3)	0	0	VR586627
b. Students feel comfortable talking with their teachers.	8	(3)	0	0	VR586628
<ul> <li>Teachers expect students to do well.</li> </ul>	⊗	(3)	0	•	VR586630
<ul> <li>d. Teachers are available when students need them.</li> </ul>	<b>®</b>	(8)	0	•	VR586631
<ul> <li>Teachers try to understand students' problems.</li> </ul>	<b>®</b>	3	0	0	VR586633
f. Teachers notice if students need help.	<b>®</b>	(3)	0	0	VR586634
g. Teachers treat all students respectfully.	<b>®</b>	<b>3</b>	0	0	VR586636

- 4. Last school year, did you attend the same school as this school year?
  - Yes
  - ® No

#### **Appendix J1-34**: Pilot Grade 4 (Mathematics)

VH268945

How often do you participate in 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. Talk about math problems with your friends	Ø	(B)	0	0	<b>©</b>	VH268946
b. Use online resources for help with your math homework	Ø	(B)	0	0	Œ	VR590141

VR590188

- 3. How often do you play digital or online games (for example, apps, video games, or computer games) that ask you to do math 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

VH267672

**4.** 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	(8)	0	0	Œ	VH858273
b. Divide 42 stickers among 6 students	<b>®</b>	®	0	0	Œ	VH617317
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Θ	®	0	0	Œ	VH267682
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	Θ	©	0	0	©.	VH267683

 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. Use math in a conversation with a friend	<b>®</b>	(18)	0	0	VR590289
b. Recognize geometric shapes around you (for example, triangles or circles in your room)		®	0	0	VR590291
c. Figure out how long you can still play if you have to stop at a given time	<b>®</b>	8	0	0	VR590292
d. 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	VR590293
e. Measure the length or width of an object	0	®	0	0	VR590294
f. Compare two amounts of something to determine which one is greater	<b>®</b>	(8)	0	•	VR590302
g. Divide something evenly among several people (for example, a pizza) so that everyone receives the same amount		®	0	0	VR590309
h. Figure out how many more pages you still have to read to finish a story or a chapter	<b>®</b>	(8)	0	0	VR590310

12. 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	
Explain how a table     or graph can help you     to arrive at an answer	<b>®</b>	®	0	0	<b>©</b>	VR590371
b. Decide if a table or a graph that you have supports an answer	<b>®</b>	(B)	0	0	Œ	VR590372
c. Use a table or graph to decide if an answer is correct	<b>®</b>	(B)	0	0	©	VR590370
d. Explain in your own words your ideas about how to solve a math problem	0	(1)	0	0	<b>(E)</b>	VR590374
e. Explain why you agree or disagree with another student's ideas about how to solve a math problem	<b>®</b>	<b>(B)</b>	0	0	<b>©</b>	VR590376
f. Change your ideas about how to solve a math problem based on another student's ideas	0	(3)	0	0	©	VR590378
g. Use numbers to convince another student of something	<b>®</b>	(B)	0	0	©	VR590379

VR590408

- 14. In your math class this year, how often have you explained your thinking about a math problem?
  - Never
  - ® In some of the lessons
  - O In about half of the lessons
  - In more than half of the lessons
  - D In all or almost all of the lessons

- 15. In your math class this year, how often have you explained in your own words your solution to a math problem?
  - Never
  - ® In some of the lessons
  - In about half of the lessons
  - In more than half of the lessons
  - D In all or almost all of the lessons

- 26. 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

#### **Appendix J1-35**: Pilot Grade 8 (Mathematics)

VH589204

2. How often do you participate in 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	
Talk about math     problems with your     friends	<b>®</b>	3	0	0	Œ	VH268946
b. Write code	0	<b>®</b>	0	0	Œ	VR590154
c. Create programs for devices or applications (for example, 3-D printers, robots, mazes, or games)	<b>(3</b> )	(3)	0	0	•	VR590155
d. Use online resources for help with your math homework	<b>(A)</b>	(8)	0	0	<b>(E)</b>	VR590141

	R			

- 3. How often do you play digital or online games (for example, apps, video games, or computer games) that ask you to do math outside of school?
  - Never
  - About once or twice a year
  - About once or twice a month
  - About once or twice a week
  - D Every day or almost every day

- 5. 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:

6.	What math	classes	do you	expect to	take next	year?	Select	one or n	nore answe	r
	choices.									

- Basic or general math
- Introduction to algebra or pre-algebra
- Algebra I
- Geometry
- Algebra II
- ⑤ Integrated math
- Other math class. Please specify: \_\_\_\_\_\_\_
- ⊕ I don't know.

7. 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	Φ	(B)	0	0	<b>(E)</b>	VR731432
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	<b>®</b>	0	0	©.	VR590202
c. Determine a 20% tip for a \$55 restaurant dinner bill	<b>®</b>	(3)	©	0	Œ	VR731433
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	<b>®</b>	(3)	0	Φ	Œ	VR732484
e. Give an example to show that a math statement is false	<b>®</b>	(8)	0	0	Œ	VR731434
f. Explain to your classmate how you solved a math problem	<b>®</b>	®	0	۵	<b>(E)</b>	VR731435
g. Use correct mathematical words and symbols when showing your work	<b>®</b>	(8)	0	0	<b>©</b>	VR731436

**8.** 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	
Drawing graphs or geometric figures to represent a problem or situation	0	ß	0	0	Θ	VR589838
b. Reading and understanding graphs or geometric figures that represent a problem or situation	0	(B)	0	Θ	<b>(</b>	VR589839
c. Using graphs or geometric figures to solve a math problem	<b>®</b>	®	0	0	<b>(E)</b>	VR589840
d. Using words or an equation to write the rule for a number pattern	8	<b>®</b>	0	0	Θ	VR589841
e. Finding similarities among different examples of mathematical ideas	0	®	0	0	0	VR589842
f. Checking the solution to a math problem to see if it makes sense in real life	0	®	0	0	<b>(</b> E)	VR589843
g. Using math to solve problems from the real world	0	®	0	0	Œ	VR589844
h. Translating the solution to a word problem back to the real-life situation it came from	0	(B)	0	0	©.	VR589845
<ul> <li>Applying results from one math problem to other problems or situations</li> </ul>	8	(3)	0	0	<b>(</b> E)	VR589846

**9.** 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	0	Œ	VR589847
b. Explaining why you agree with how another student solved a math problem	0	(B)	0	Θ	©	VR589848
c. Changing your way to solve a math problem based on another student's ideas	0	®	0	0	•	VR589849
d. Deciding if a mathematical conclusion is true or false	Θ	®	0	()	<b>(</b>	VR589850
e. Showing why an answer is correct, using an equation, graph, or table	0	®	0	0	<b>(</b>	VR589853
f. Creating a graph, geometric figure, or equation to show that an answer is wrong	0	®	0	()	<b>(</b>	VR589855
g. Thinking about what you and other students did to solve a math problem	0	(B)	0	0	<b>©</b>	VR589856
h. Finding multiple ways to solve a math problem	<b>®</b>	®	0	0	<b>©</b>	VR589857
i. Learning math online through video lessons	<b>®</b>	(8)	0	0	(D)	VR600408

# 11. 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. Use math in a conversation with a friend	<b>(A)</b>	<b>®</b>	0	0	VR590329
b. Estimate the price of a product on sale when you know the regular price and the discount	•	(3)	0	0	VR590330
c. Compare the volumes of different containers (for example, bottles or cans of beverages)	<b>®</b>	(8)	©	0	VR590331
d. Make a decision based on the probability that something will occur	<b>®</b>	(B)	0	0	VR590332
e. Determine how long the contents of a container will last if it is used at a constant rate	0	(1)	0	۵	VR590333
f. Compare the areas of two regions to find out which one is greater	<b>®</b>	<b>®</b>	0	0	VR590334
g. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task	•	(3)	0	0	VR590335
h. Divide a group of friends into smaller groups of equal size for an activity	<b>®</b>	®	0	0	VR590336
i. Estimate how long you have to wait for something (for example, the end of a game)	<b>®</b>	(1)	O	۵	VR590337

13. 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	
Use an equation or a graph to justify your answer	<b>®</b>	®	0	0	<b>©</b>	VR590397
b. Evaluate whether an equation or graph supports an answer	<b>®</b>	(B)	0	0	©	VR590398
c. Use an equation or a graph to help you choose which of two statements is true	<b>®</b>	(B)	0	0	•	VR590396
d. Explain in your own words your ideas about how to solve a math problem	0	<b>(B)</b>	0	0	©	VR590399
e. Explain why you agree or disagree with another student's ideas about how to solve a math problem	0	(8)	0	0	•	VR590400
f. Adapt your ideas about how to solve a math problem based on another student's ideas	<b>©</b>	(3)	0	0	0	VR590402
g. Use numbers to convince another student of something	<b>®</b>	®	0	0	©	VR590403

14.	In your math class this year, how often have you explained your thinking about a math problem?	VR590408	
	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		
15.	In your math class this year, how often have you explained in your own words your solution to a math problem?	VR590413	
	Never     Never		
	In some of the lessons		
	<ul> <li>In about half of the lessons</li> </ul>		
	In more than half of the lessons		
	© In all or almost all of the lessons		
26.	How often do you receive help or tutoring for math outside of school, before school, or after school?	VR76046	57
	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 J1-36**: Pilot Grade 4 (Reading)

40.7	H	0	a	4		4
¥	н	n	a	.3	1	,

- 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)?
  - Never
  - About once or twice a year
  - O About once or twice a month
  - D About once or twice a week
  - D Every day or almost every day

VH598686

- 2. Besides doing homework, how much time do you spend reading outside of school?
  - D 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
  - 4 or more hours a day

VH853652

3. How often do you typically 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 online about topics I am interested in	(8)	(8)	0	0	Œ	VH853656
b. Talk about things I read with other people	<u>@</u>	<b>®</b>	0	0	Œ	VH853657
c. Borrow or download books from a local library	<b>®</b>	(B)	0	0	Œ	VH853655

**4.** 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	
Compare what you read to your experiences	8	(8)	0	0	Œ	VR590944
b. Think about what you already know about the topic	(A)	®	0	0	®	VR590946
c. Ask yourself questions about the text before you read	(A)	<b>®</b>	0	0	Œ	VR600518
d. Have your own opinions about the text	8	(8)	0	0	Œ	VR590948
e. Use what you read to help you in new situations	8	<b>®</b>	0	0	Œ	VR590949
f. Use other words to figure out the meaning of a word	8	(8)	0	0	Œ	VR590950

VR590942

**5.** 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	Φ	<b>©</b>	VR590947
b. Look at the text to help you answer questions	(8)	®	0	0	Œ	VR590951
c. Highlight or underline text	<u> </u>	®	0	0	Œ	VR590952
d. Take notes	<b>(A)</b>	®	0	0	Œ	VR590953
e. Use things like pictures, videos, or links in the text to help you understand the text	8	(B)	0	0	<b>©</b>	VR590954

	3. A	are you able to get reading materials <b>outside of school</b> ?	VR591084
	A	) Yes	
	Œ	O No	
			VR591090
10.		w often do you participate in after-school activities related to reading (for ample, book clubs or reading competitions)?	
	<b>(A)</b>	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	
11	TT-		VR591091
11.		w often do you read with someone you live with? This can include reading to neone, someone reading to you, or you reading with someone.	
	<b>(A)</b>	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	

13. Think about the last topic that you read about on this test. How familiar were you	VR590984 U
with that topic before taking this test?	
Not at all	
A little bit	
© Somewhat	
Quite a bit	
© Very much	
I don't remember.	
	VR591075
14. 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	
① I don't remember.	
	VR591015
21. Does your teacher give you class time to read for pleasure?	
Yes	
® No	
22. How much time do you usually spend reading for pleasure outside of school?	VR591010
D 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	

25. How often do you receive the following types of help with English/language arts schoolwork outside of school or after 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. Help from a teacher	0	•	0	0	Ð	VH811190
b. Help from a tutor	0	•	0	0	<b>(D)</b>	VH811192
c. Help from a family member or friend	0	<b>①</b>	0	0	Ð	VH811196
d. Help from online resources (for example, websites or apps)	0	Ф	0	0	0	VH811200

## **Appendix J1-37**: Pilot Grade 8 (Reading)

VH853176

- 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)?
  - Never
  - About once or twice a year
  - About once or twice a month
  - D About once or twice a week
  - Every day or almost every day

VH59868

- 2. Besides doing homework, how much time do you 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
  - 4 or more hours a day

VH853652

**3.** How often do you typically 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 online about topics I am interested in	<b>®</b>	®	0	0	©	VH853656
b. Talk about things I read with other people	<u>®</u>	®	0	0	©	VH853657
c. Borrow or download books from a local library	8	8	0	0	<b>©</b>	VH853655

**4.** 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. Compare what you read to your experiences	<b>®</b>	®	0	0	©.	VR590944
b. Think about what you already know about the topic	(A)	®	0	0	Œ	VR590946
c. Ask yourself questions about the text before you read	(A)	®	0	0	Œ	VR600518
d. Have your own opinions about the text	<b>®</b>	®	0	0	Œ	VR590948
e. Use what you read to help you in new situations	(A)	®	0	0	©.	VR590949
f. Use other words to figure out the meaning of a word	8	®	0	0	Œ	VR590950

VR590942

**5.** 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	0	(8)	0	Θ	Θ	VR590947
b. Look at the text to help you answer questions	<b>(A)</b>	(8)	0	0	<b>©</b>	VR590951
c. Highlight or underline text	8	®	0	0	<b>(</b>	VR590952
d. Take notes	<b>(A)</b>	®	0	0	Œ	VR590953
e. Use things like pictures, videos, or links in the text to help you understand the text	0	®	0	Θ	©.	VR590954

VR591021

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

	Yes	No	
<ul> <li>a. Read on paper (for example, printed books or magazines)</li> </ul>	0	Θ	VR591022

VR591021

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

	Yes	No	
Read on paper (for example, printed books or magazines)	0	Θ.	VR591022
b. Read on a screen (for example, on a phone, tablet, or computer)	0	Θ	VR591023
c. Listen to audiobooks	8	0	VR591024
d. Read something on social media	0	0	VR591025

26. How often do you use the following when reading for enjoyment outside of school? Select one answer choice on each row. VR591033

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
Texts on paper (for example, printed books or magazines)	8	•	0	0	Θ	VR591034
<ul> <li>A desktop or laptop computer (including Chromebooks)</li> </ul>	8	<b>(D)</b>	0	0	Θ	VR591035
c. A tablet (for example, Surface Pro, iPad)	⊗	<b>(D)</b>	0	0	0	VR591036
d. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel)	8	Θ	0	Θ	Θ	VR591038

VR591062

- **8.** Do you prefer to read texts on paper (printed texts) or on a screen (digital texts) when reading for enjoyment?
  - Print
  - Digital
  - O I don't have a preference.
  - I don't read for enjoyment.

	VR591084
3. Are you able to get reading materials outside of school?	
① Yes	
® No	
4. How often do you participate in after-school activities that involve reading (for example, book clubs or reading competitions)?	VR591090
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	
	VR591091
<b>11.</b> How often do you read with someone you live with? This can include reading to someone, someone reading to you, or you reading with someone.	
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	
	VR590984
18. Think about the last topic that you read about on this test. How familiar were you with that topic before taking this test?	1
Not at all	- 1
® A little bit	
© Somewhat	- 1
Quite a bit	
© Very much	- 1
I don't remember.	

VI			

19.		ink about the last topic that you read about on this test. How interested were u in the topic?
	(8)	Not at all
	®	A little bit

SomewhatQuite a bit

Very much

D I don't remember.

VR591015

21. Does your teacher give you class time to read for pleasure?

@ Yes

® No

VR591010

22. How much time do you usually spend reading for pleasure outside of school?

D 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

D I don't read for enjoyment.

VR590986

20. How much does each of the following statements describe your experience taking this test? Select one answer choice on each row.

	Not at all	A little bit	Somewhat	Quite a bit	Very much	
<ul> <li>It was easy to read the words and sentences.</li> </ul>	8	•	0	•	<b>(</b>	VR590987
<ul> <li>It was easy to understand the texts.</li> </ul>	0	■	0	0	0	VR590988
c. It was easy to complete.	8	•	0	0	0	VR590989
<li>d. It was easy to use the digital device.</li>	⊗	•	0	0	•	VR590992
e. It was easy to type my answers.	8	<b>(D)</b>	0	0	0	VR590994
<li>f. I had enough time to finish.</li>	0	<b>®</b>	0	0	Ð	VR590996

VH811176

29. How often do you receive the following types of help with English/language arts schoolwork outside of school or after 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. Help from a teacher	<b>(A)</b>	Φ	0	Θ	Ð	VH811190
b. Help from a tutor	0	•	0	Θ	<b>(D)</b>	VH811192
c. Help from a family member or friend	0	0	0	0	<b>(D)</b>	VH811196
d. Help from online resources (for example, websites or apps)	<b>®</b>	Ф	0	0	Θ	VH811200

25. 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	Ø
a. Recognize the author's use of figurative language (for example, symbolism, similes, metaphors, or personification)	0	Φ	0	θ	θ	VH811229
b. Evaluate the author's use of features in a text (for example, figurative language, voice, or transition words)	0	Φ	0	Ф	Θ	VH811227
c. Recognize tools the author is using (for example, rhyme, imagery, examples, or repetition)	8	Φ	0	Ф	Θ	VH811231
d. Evaluate the strength and quality of evidence used by the author to support his or her position	8	Φ	0	Θ	Θ	VH811233
e. Evaluate the author's use of multimedia or non-print text (for example, texts including images, infographics, or animations)	0	Ф	Θ	Φ	Θ	VH811237

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

VR775375

	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	0	©.	VH260907
b. Go to my local library to borrow books (print or online)	8	®	0	0	Œ	VH260911
c. Read blogs	<b>(A)</b>	®	0	0	(Ē)	VH260913

## **Appendix J1-38:** Operational Grade 8 (Core, Science)

VH240387

- 1. Are you Hispanic or Latino? Select one or more answer choices.
  - D No, I am not Hispanic or Latino.
  - D Yes, I am Mexican, Mexican American, or Chicano.
  - O Yes, I am Puerto Rican or Puerto Rican American.
  - D Yes, I am Cuban or Cuban American.
  - D Yes, I am from some other Hispanic or Latino background.

VH240388

- 2. Which of the following best describes you? Select one or more answer choices.
  - @ White
  - D Black or African American
  - O Asian
  - American Indian or Alaska Native
  - D Native Hawaiian or other Pacific Islander

- 3. About how many books are there in your home?
  - Few (0−10)
  - Enough to fill one shelf (11-25)
  - © Enough to fill one bookcase (26-100)
  - D Enough to fill several bookcases (more than 100)

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

	Yes	No	
a. Access to the Internet	0	0	VH271105
b. Your own bedroom	0	0	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	0	•	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	0	•	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	⊗	<b>®</b>	VH271112

VH354591

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

- 6. How many days were you absent from school in the last month?
  - None
  - ® 1 or 2 days
  - O 3 or 4 days
  - @ 5 to 10 days
  - D More than 10 days

VH240189		

7.	How often do you talk about things you have studied in school with someone in
	your family?

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

## 8. How far in school did your mother go?

- She did not finish high school.
- She graduated from high school.
- She had some education after high school.
- She graduated from college.
- D I don't know.

VH240193

## 9. How far in school did your father go?

- He did not finish high school.
- He graduated from high school.
- He had some education after high school.
- He graduated from college.
- D I don't know.

- 10. Does your mother work?
  - Yes
  - ® No
  - O I don't know.

- 11. Does your father work?
  - Yes
  - ® No
  - O I don't know.

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

	Yes	No	
a. Mother	0	0	VH271145
b. Stepmother	0	0	VH271146
c. Foster mother or other female legal guardian	⊗	0	VH271147
d. Father	0	•	VH271148
e. Stepfather	0	•	VH271149
f. Foster father or other male legal guardian	0	0	VH271150

VH591969

- 13. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - In more than half of the classes
  - D In all or almost all classes

- 14. In this school year, how often did you use a tablet (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - In more than half of the classes
  - D In all or almost all classes

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 finish whatever I begin.	8	0	0	9	Θ	VH733142
b.	I try very hard even after making mistakes.	0	Θ	0	0	Θ	VH733143
C.	I keep working hard even when I feel like quitting.	8	Θ	0	0	Θ	VH733145
d.	I keep trying to improve myself, even when it takes a long time to get there.	0	Θ	0	Θ	Θ	VH733144

VH733149

16. 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	
I like complex     problems more than     easy problems.	0	•	0	0	Θ	VH733150
<ul> <li>I like activities that challenge my thinking abilities.</li> </ul>	8	0	0	0	Θ	VH733151
c. I enjoy situations where I will have to think about something.	8	Θ	0	Θ	Θ	VH733155
d. I enjoy thinking about new solutions to problems.	8	0	0	Θ	Θ	VH733154

17. In this school year, how often have you done each of the following? 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	
I started working on assignments right away rather than waiting until the last minute.	<b>®</b>	<b>(</b>	9	Θ	θ	VH271370
<ul> <li>I paid attention and resisted distractions.</li> </ul>	0	•	0	0	0	VH271372
c. I stayed on task without reminders from my teacher.	8	0	0	0	Θ	VH271374
d. I paid attention in class even when I was not interested.	8	0	0	0	Θ	VH271375

- 18. Are you taking an art course this school year (for example, drawing, painting, or studio art)?
  - Yes
  - ® No