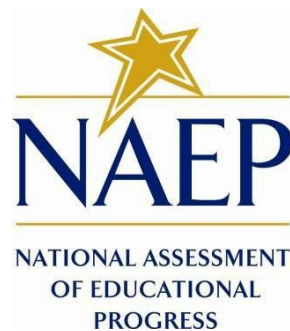


*NATIONAL CENTER FOR EDUCATION STATISTICS NATIONAL
ASSESSMENT OF EDUCATIONAL PROGRESS*

National Assessment of Educational Progress (NAEP) 2026

*Appendix J1
2026 Student Questionnaires*

OMB# 1850-0928 v.37



July 2025

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

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

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

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Student Login Screen

VERSION: 26.0.0-MS1.0.76

Welcome to NAEP



Student Login

Submit

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

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

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

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

2026 Operational Grade 4 Core Student			
Previous Item	2026 Item	D/ A/R+	Rationale
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. Ⓒ Yes, I am Puerto Rican or Puerto Rican American. Ⓓ Yes, I am Cuban or Cuban American. Ⓔ Yes, I am from some other Hispanic or Latino background. (2024)	N/A	D	This Item was dropped and replaced with an updated Item (VR85869 8) that adheres to OMB updated Statistical Policy Directive No. 15.
3. Which of the following best describes you? Select one or more answer choices. Ⓐ White Ⓑ Black or African American Ⓒ Asian Ⓓ American Indian or Alaska Native Ⓔ Native Hawaiian or other Pacific Islander (2024)	3. What is your race and/or ethnicity? Select one or more answer choices. Ⓐ American Indian or Alaska Native Ⓑ Asian Ⓒ Black or African American Ⓓ Hispanic or Latino Ⓔ Middle Eastern or North African Ⓕ Native Hawaiian or Pacific Islander Ⓖ White Issue: Student Background	R	VH240387 and this Item were replaced with this updated Item that adheres to OMB updated Statistical Policy Directive No. 15.

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

7. Do any of the following people live in your home? Select one answer choice on each row. <table><thead><tr><th></th><th>Yes</th><th>No</th><th></th></tr></thead><tbody><tr><td>a. Mother</td><td>☐</td><td>☐</td><td>VI071145</td></tr><tr><td>b. Stepmother</td><td>☐</td><td>☐</td><td>VI071146</td></tr><tr><td>c. Foster mother or other female legal guardian</td><td>☐</td><td>☐</td><td>VI071147</td></tr><tr><td>d. Father</td><td>☐</td><td>☐</td><td>VI071148</td></tr><tr><td>e. Stepfather</td><td>☐</td><td>☐</td><td>VI071149</td></tr><tr><td>f. Foster father or other male legal guardian</td><td>☐</td><td>☐</td><td>VI071150</td></tr></tbody></table> (2024)		Yes	No		a. Mother	☐	☐	VI071145	b. Stepmother	☐	☐	VI071146	c. Foster mother or other female legal guardian	☐	☐	VI071147	d. Father	☐	☐	VI071148	e. Stepfather	☐	☐	VI071149	f. Foster father or other male legal guardian	☐	☐	VI071150	6. Do any of the following people live in your home? Select one answer choice on each row. <table><thead><tr><th></th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>a. Mother</td><td>☐</td><td>☐</td></tr><tr><td>b. Father</td><td>☐</td><td>☐</td></tr><tr><td>c. Stepmother</td><td>☐</td><td>☐</td></tr><tr><td>d. Stepfather</td><td>☐</td><td>☐</td></tr><tr><td>e. Foster mother or other female legal guardian</td><td>☐</td><td>☐</td></tr><tr><td>f. Foster father or other male legal guardian</td><td>☐</td><td>☐</td></tr></tbody></table> Issue: Socioeconomic Status		Yes	No	a. Mother	☐	☐	b. Father	☐	☐	c. Stepmother	☐	☐	d. Stepfather	☐	☐	e. Foster mother or other female legal guardian	☐	☐	f. Foster father or other male legal guardian	☐	☐		Subltems in this Item were re-sequence d for clarity.
	Yes	No																																																		
a. Mother	☐	☐	VI071145																																																	
b. Stepmother	☐	☐	VI071146																																																	
c. Foster mother or other female legal guardian	☐	☐	VI071147																																																	
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f. Foster father or other male legal guardian	☐	☐	VI071150																																																	
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d. Stepfather	☐	☐																																																		
e. Foster mother or other female legal guardian	☐	☐																																																		
f. Foster father or other male legal guardian	☐	☐																																																		
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 ☐ In about half of the classes ☐ In more than half of the classes ☐ In all or almost all classes (2024)	N/A	D	This Item was dropped to make space for new Student Items in the 2026 NAEP Assessme nt.																																																	
N/A (2024)	8. Last school year, did you attend the same school as this school year? ☐ Yes ☐ No Issue: School Climate	A	This Item was added to gather informatio n on student mobility.																																																	

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

9. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row. <table><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr><tr><td>a. Learn what you need to learn in your English/language arts class</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VE74057</td></tr><tr><td>b. Know how to get the help you need for your English/language arts class</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VE74058</td></tr></table> (2024)		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	☐	☐	☐	☐	☐	VE74057	b. Know how to get the help you need for your English/language arts class	☐	☐	☐	☐	☐	VE74058			2026 NAEP Assessment.
	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	☐	☐	☐	☐	☐	VE74057																		
b. Know how to get the help you need for your English/language arts class	☐	☐	☐	☐	☐	VE74058																		
10. Did you receive any tutoring in English/language arts this school year? ☐ Yes ☐ No (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.																					
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 (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.																					
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 ☐ Extremely easy (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.																					

Previous Item	2026 Item	D/ A/R+	Rationale																					
9. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row. VR740539 <table><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr><tr><td>a. Learn what you need to learn in your mathematics class</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VR740540</td></tr><tr><td>b. Know how to get the help you need for your mathematics class</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VR740541</td></tr></table> (2024)		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	☐	☐	☐	☐	☐	VR740540	b. Know how to get the help you need for your mathematics class	☐	☐	☐	☐	☐	VR740541	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
	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	☐	☐	☐	☐	☐	VR740540																		
b. Know how to get the help you need for your mathematics class	☐	☐	☐	☐	☐	VR740541																		
10. Did you receive any tutoring in mathematics this school year? VR740556 ☐ Yes ☐ No (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.																					
11. To what extent did your mathematics tutor make it easier for you to understand what you were learning? VR740558 ☐ Not at all ☐ A little bit ☐ Somewhat ☐ Quite a bit ☐ A lot (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.																					
12. How easy was it for you to understand the material in your mathematics tutoring sessions? VR740559 ☐ Not at all easy ☐ A little easy ☐ Somewhat easy ☐ Very easy ☐ Extremely easy (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.																					

			nt.
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2026 Operational Grade 4 Core Student

Previous Item	2026 Item	D/ A/R+	Rationale
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 A little bit like the teachers at my school Quite a bit like the teachers at my school Exactly like the teachers at my school a. Teachers care about the students. ☐ ☐ ☐ ☐ VB730791 b. Students feel comfortable talking with their teachers. ☐ ☐ ☐ ☐ VB730792 c. Teachers expect students to do well. ☐ ☐ ☐ ☐ VB730793 d. Teachers are available when students need them. ☐ ☐ ☐ ☐ VB730794 e. Teachers try to understand students' problems. ☐ ☐ ☐ ☐ VB730795 f. Teachers notice if I need help. ☐ ☐ ☐ ☐ VB730796 g. Teachers treat all students respectfully. ☐ ☐ ☐ ☐ VB730797	10. How much does each of the following statements describe the teachers at your school this year? Select one answer choice on each row. Not at all like the teachers at my school A little bit like the teachers at my school Quite a bit like the teachers at my school Exactly like the teachers at my school a. Teachers care about students. ☐ ☐ ☐ ☐ VB306077 b. Students feel comfortable talking with their teachers. ☐ ☐ ☐ ☐ VB306078 c. Teachers expect students to do well. ☐ ☐ ☐ ☐ VB306079 d. Teachers are available when students need them. ☐ ☐ ☐ ☐ VB306080 e. Teachers try to understand students' problems. ☐ ☐ ☐ ☐ VB306081 f. Teachers notice if students need help. ☐ ☐ ☐ ☐ VB306082 g. Teachers treat all students respectfully. ☐ ☐ ☐ ☐ VB306083	R	SubItems a. and f. were revised for clarity and consistency.

(2024)

Issue: Learning Environment

Appendix J1-2: Operational Grade 4 (Core)

VR858698

3. What is your race and/or ethnicity?

Select one or more answer choices.

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

VH240186

4. 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)
- ☐ Enough to fill several bookcases (more than 100)

VR190753

5. Do you have any of the following in your home?

Select one answer choice on each row.

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

6. Do any of the following people live in your home?

VH271144

Select one answer choice on each row.

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

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

VH240190

- ☐ None
- ☐ 1 or 2 days
- ☐ 3 or 4 days
- ☐ 5 to 10 days
- ☐ More than 10 days

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

VR586648

- ☐ Yes
- ☐ No

9. How much does each of the following statements describe you?

VH733149

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. VH733150	☐	☐	☐	☐	☐
b. I like activities that challenge my thinking abilities. VH733151	☐	☐	☐	☐	☐
c. I enjoy situations where I will have to think about something. VH733155	☐	☐	☐	☐	☐
d. I enjoy thinking about new solutions to problems. VH733154	☐	☐	☐	☐	☐

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

VR586626

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
VR586627 a. Teachers care about students.	☐ A	☐ B	☐ C	☐ D
VR586628 b. Students feel comfortable talking with their teachers.	☐ A	☐ B	☐ C	☐ D
VR586630 c. Teachers expect students to do well.	☐ A	☐ B	☐ C	☐ D
VR586631 d. Teachers are available when students need them.	☐ A	☐ B	☐ C	☐ D
VR586633 e. Teachers try to understand students' problems.	☐ A	☐ B	☐ C	☐ D
VR586634 f. Teachers notice if students need help.	☐ A	☐ B	☐ C	☐ D
VR586636 g. Teachers treat all students respectfully.	☐ A	☐ B	☐ C	☐ D

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

2026 Operational Grade 8 Core Student

Previous Item	2026 Item	D/ A/R+	Rationale
VR840387 3. Are you Hispanic or Latino? Select one or more answer choices. ☐ No, I am not Hispanic or Latino. ☐ Yes, I am Mexican, Mexican American, or Chicano. ☐ Yes, I am Puerto Rican or Puerto Rican American. ☐ Yes, I am Cuban or Cuban American. ☐ Yes, I am from some other Hispanic or Latino background. (2024)	N/A	D	This Item was dropped and replaced with an updated Item (VR858698) that adheres to OMB updated Statistical Policy Directive No. 15.

4. Which of the following best describes you? Select one or more answer choices. ☐ White ☐ Black or African American ☐ Asian ☐ American Indian or Alaska Native ☐ Native Hawaiian or other Pacific Islander (2024)	4. What is your race and/or ethnicity? Select one or more answer choices. ☐ American Indian or Alaska Native ☐ Asian ☐ Black or African American ☐ Hispanic or Latino ☐ Middle Eastern or North African ☐ Native Hawaiian or Pacific Islander ☐ White Issue: Student Background	R	VH240387 and this Item were replaced with this updated Item that adheres to OMB updated Statistical Policy Directive No. 15.																																																
6. Do you have any of the following in your home? Select one answer choice on each row. <table border="1"> <thead> <tr> <th></th><th>Yes</th><th>No</th><th></th></tr> </thead> <tbody> <tr> <td>a. Access to the Internet</td><td>☐</td><td>☐</td><td>VH271105</td></tr> <tr> <td>b. Your own bedroom</td><td>☐</td><td>☐</td><td>VH260792</td></tr> <tr> <td>c. A desktop or laptop computer (including Chromebooks) that you can use</td><td>☐</td><td>☐</td><td>VH291976</td></tr> <tr> <td>d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use</td><td>☐</td><td>☐</td><td>VH271110</td></tr> <tr> <td>e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use</td><td>☐</td><td>☐</td><td>VH271112</td></tr> </tbody> </table> (2024)		Yes	No		a. Access to the Internet	☐	☐	VH271105	b. Your own bedroom	☐	☐	VH260792	c. A desktop or laptop computer (including Chromebooks) that you can use	☐	☐	VH291976	d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	☐	☐	VH271110	e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	☐	☐	VH271112	6. Do you have any of the following in your home? Select one answer choice on each row. <table border="1"> <thead> <tr> <th></th><th>Yes</th><th>No</th><th></th></tr> </thead> <tbody> <tr> <td>a. Access to the Internet</td><td>☐</td><td>☐</td><td>VH271105</td></tr> <tr> <td>b. Your own bedroom</td><td>☐</td><td>☐</td><td>VH260792</td></tr> <tr> <td>c. A desktop or laptop computer (including Chromebooks) that you can use</td><td>☐</td><td>☐</td><td>VH291976</td></tr> <tr> <td>d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use</td><td>☐</td><td>☐</td><td>VH271110</td></tr> <tr> <td>e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use</td><td>☐</td><td>☐</td><td>VH260799</td></tr> </tbody> </table> Issue: Socioeconomic Status		Yes	No		a. Access to the Internet	☐	☐	VH271105	b. Your own bedroom	☐	☐	VH260792	c. A desktop or laptop computer (including Chromebooks) that you can use	☐	☐	VH291976	d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	☐	☐	VH271110	e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use	☐	☐	VH260799	R	SubItem e. was revised to provide a more current example.
	Yes	No																																																	
a. Access to the Internet	☐	☐	VH271105																																																
b. Your own bedroom	☐	☐	VH260792																																																
c. A desktop or laptop computer (including Chromebooks) that you can use	☐	☐	VH291976																																																
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e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	☐	☐	VH271112																																																
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2026 Operational Grade 8 Core Student																																																			
Previous Item	2026 Item	D/ A/R+	Rationale																																																
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. ☐ I don't know. (2024)	8a. Parent or Guardian "A" How far in school did your [Parent or Guardian "A"] go? ☐ Did not finish high school ☐ Graduated from high school ☐ Had some education after high school ☐ Graduated from college ☐ I don't know. Issue: Socioeconomic Status	R	Dated Parent/ Guardian Education Item was replaced with an updated format.																																																
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. ☐ I don't know. (2024)	9a. Parent or Guardian "B" How far in school did your [Parent or Guardian "B"] go? ☐ Did not finish high school ☐ Graduated from high school ☐ Had some education after high school ☐ Graduated from college ☐ I don't know. Issue: Socioeconomic Status	R	Dated Parent/ Guardian Education Item was replaced with an updated format.																																																

12. Does your mother work? ☐ Yes ☐ No ☐ I don't know. (2024)	VH3678	8b. Does your [Parent or Guardian "A"] work? ☐ Yes ☐ No ☐ I don't know. Issue: Socioeconomic Status	VH31126	R	Dated Parent/ Guardian Employment Item was replaced with an updated format.
13. Does your father work? ☐ Yes ☐ No ☐ I don't know. (2024)	VH3679	9b. Does your [Parent or Guardian "B"] work? ☐ Yes ☐ No ☐ I don't know. Issue: Socioeconomic Status	VH31266	R	Dated Parent/ Guardian Employment Item was replaced with an updated format.

2026 Operational Grade 8 Core Student																																
Previous Item		2026 Item	D/ A/R+	Rationale																												
14. Do any of the following people live in your home? Select one answer choice on each row. <table><tr><th></th><th>Yes</th><th>No</th><th></th></tr><tr><td>a. Mother</td><td>☐</td><td>☐</td><td>VH27143</td></tr><tr><td>b. Stepmother</td><td>☐</td><td>☐</td><td>VH27144</td></tr><tr><td>c. Foster mother or other female legal guardian</td><td>☐</td><td>☐</td><td>VH27147</td></tr><tr><td>d. Father</td><td>☐</td><td>☐</td><td>VH27148</td></tr><tr><td>e. Stepfather</td><td>☐</td><td>☐</td><td>VH27149</td></tr><tr><td>f. Foster father or other male legal guardian</td><td>☐</td><td>☐</td><td>VH27150</td></tr></table> (2024)			Yes	No		a. Mother	☐	☐	VH27143	b. Stepmother	☐	☐	VH27144	c. Foster mother or other female legal guardian	☐	☐	VH27147	d. Father	☐	☐	VH27148	e. Stepfather	☐	☐	VH27149	f. Foster father or other male legal guardian	☐	☐	VH27150	VH27144 7. The following questions are about your parents or guardians. A "parent or guardian" is someone who raises and takes care of and provides financial resources to support you. If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with. Use the drop-down menus to show your answers. Who is your Parent or Guardian A? ☐ Mother ☐ Father ☐ Stepmother ☐ Stepfather ☐ Other relative ☐ Foster mother or other female guardian ☐ Foster father or other male guardian Who is your Parent or Guardian B? ☐ Mother ☐ Father ☐ Stepmother ☐ Stepfather ☐ Other relative ☐ Foster mother or other female guardian ☐ Foster father or other male guardian ☐ I don't have a second parent or guardian. VR935135 Issue: Socioeconomic Status	R	VH27144 was dropped and replaced with Item VR935135 as an updated format for collecting information on parent/guardian education and employment.
	Yes	No																														
a. Mother	☐	☐	VH27143																													
b. Stepmother	☐	☐	VH27144																													
c. Foster mother or other female legal guardian	☐	☐	VH27147																													
d. Father	☐	☐	VH27148																													
e. Stepfather	☐	☐	VH27149																													
f. Foster father or other male legal guardian	☐	☐	VH27150																													
			D	This Item was																												

15. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school? Ⓐ Never Ⓑ In some classes Ⓒ In about half of the classes Ⓓ In more than half of the classes Ⓔ In all or almost all classes (2024)	VI070100 N/A		dropped to make space for new Student Items in the 2026 NAEP Assessment.
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2026 Operational Grade 8 Core Student																												
Previous Item		2026 Item				D/ A/R+	Rationale																					
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 Ⓒ In about half of the classes Ⓓ In more than half of the classes Ⓔ In all or almost all classes (2024)		VI071126 N/A				D	This Item was dropped to make space for new Student Items in the 2026 NAEP Assessment.																					
17. Are you taking an art course this school year (for example, drawing, painting, or studio art)? Ⓐ Yes Ⓑ No (2024)		VI052000 N/A				D	This Item was dropped to make space for new Student Items in the 2026 NAEP Assessment.																					
18. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row. <table><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr><tr><td>a. Learn what you need to learn in your English/language arts class</td><td> </td><td> </td><td> </td><td> </td><td> </td><td>VI740337</td></tr><tr><td>b. Know how to get the help you need for your English/language arts class</td><td> </td><td> </td><td> </td><td> </td><td> </td><td>VI740338</td></tr></table> (2024)			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						VI740337	b. Know how to get the help you need for your English/language arts class						VI740338	VI740536 N/A				D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
	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						VI740337																						
b. Know how to get the help you need for your English/language arts class						VI740338																						

19. Did you receive any tutoring in English/language arts this school year? ☐ Yes ☐ No (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
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2026 Operational Grade 8 Core Student																											
Previous Item		2026 Item			D/ A/R+	Rationale																					
20. To what extent did your English/language arts tutor make it easier for you to understand what you were learning? VE740552 ☐ Not at all ☐ A little bit ☐ Somewhat ☐ Quite a bit ☐ A lot (2024)		N/A			D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.																					
21. How easy was it for you to understand the material in your English/language arts tutoring sessions? VE740555 ☐ Not at all easy ☐ A little easy ☐ Somewhat easy ☐ Very easy ☐ Extremely easy (2024)		N/A			D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.																					
18. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row. VE740559 <table><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr><tr><td>a. Learn what you need to learn in your mathematics class</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VE740540</td></tr><tr><td>b. Know how to get the help you need for your mathematics class</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VE740541</td></tr></table> (2024)			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	☐	☐	☐	☐	☐	VE740540	b. Know how to get the help you need for your mathematics class	☐	☐	☐	☐	☐	VE740541	N/A			D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
	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	☐	☐	☐	☐	☐	VE740540																					
b. Know how to get the help you need for your mathematics class	☐	☐	☐	☐	☐	VE740541																					
		N/A			D	Learning Recovery Items were dropped																					

19. Did you receive any tutoring in mathematics this school year? ☐ Yes ☐ No (2024)	VE74036		from the 2026 NAEP Assessment.
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2026 Operational Grade 8 Core Student			
Previous Item	2026 Item	D/A/R+	Rationale
20. To what extent did your mathematics tutor make it easier for you to understand what you were learning? ☐ Not at all ☐ A little bit ☐ Somewhat ☐ Quite a bit ☐ A lot (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
21. 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 (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
N/A (2024)	11. Last school year, did you attend the same school as this school year? ☐ Yes ☐ No Issue: School Climate	A	This Item was added to gather information on student mobility.

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

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

VER70780

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school	
a. Teachers care about the students.	☐	☐	☐	☐	VE730791
b. Students feel comfortable talking with their teachers.	☐	☐	☐	☐	VE730792
c. Teachers expect students to do well.	☐	☐	☐	☐	VE730793
d. Teachers are available when students need them.	☐	☐	☐	☐	VE730794
e. Teachers try to understand students' problems.	☐	☐	☐	☐	VE730795
f. Teachers notice if I need help.	☐	☐	☐	☐	VE730796
g. Teachers treat all students respectfully.	☐	☐	☐	☐	VE730797

(2024)

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

VER6020

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

Issue: Learning Environment

revised for clarity and consistency

Appendix J1-4: Operational Grade 8 (Core)

VR858698

4. What is your race and/or ethnicity?

Select one or more answer choices.

- ☐ A American Indian or Alaska Native
- ☐ B Asian
- ☐ C Black or African American
- ☐ D Hispanic or Latino
- ☐ E Middle Eastern or North African
- ☐ F Native Hawaiian or Pacific Islander
- ☐ G White

VH240186

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

- ☐ A Few (0–10)
- ☐ B Enough to fill one shelf (11–25)
- ☐ C Enough to fill one bookcase (26–100)
- ☐ D Enough to fill several bookcases (more than 100)

VR190753

6. Do you have any of the following in your home?

Select one answer choice on each row.

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

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

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

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

Use the drop-down menus to show your answers.

Who is your Parent or Guardian A?

- ☐ A Mother
- ☐ B Father
- ☐ C Stepmother
- ☐ D Stepfather
- ☐ E Other relative
- ☐ F Foster mother or other female guardian
- ☐ G Foster father or other male guardian

Who is your Parent or Guardian B?

- ☐ A Mother
- ☐ B Father
- ☐ C Stepmother
- ☐ D Stepfather
- ☐ E Other relative
- ☐ F Foster mother or other female guardian
- ☐ G Foster father or other male guardian
- ☐ H I don't have a second parent or guardian.

8a. Parent or Guardian “A”

How far in school did your [Parent or Guardian “A”] go?

- ☐ Ⓐ Did not finish high school
- ☐ Ⓑ Graduated from high school
- ☐ Ⓒ Had some education after high school
- ☐ Ⓓ Graduated from college
- ☐ Ⓔ I don’t know.

8b. Does your [Parent or Guardian “A”] work?

- ☐ Ⓐ Yes
- ☐ Ⓑ No
- ☐ Ⓒ I don’t know.

9a. Parent or Guardian “B”

How far in school did your [Parent or Guardian “B”] go?

- ☐ Ⓐ Did not finish high school
- ☐ Ⓑ Graduated from high school
- ☐ Ⓒ Had some education after high school
- ☐ Ⓓ Graduated from college
- ☐ Ⓔ I don’t know.

9b. Does your [Parent or Guardian “B”] work?

- ☐ Ⓐ Yes
- ☐ Ⓑ No
- ☐ Ⓒ I don’t know.

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

- Ⓐ None
- Ⓑ 1 or 2 days
- Ⓒ 3 or 4 days
- Ⓓ 5 to 10 days
- Ⓔ More than 10 days

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

- Ⓐ Yes
- Ⓑ No

12. How often do you use the Internet for homework at home?

- Ⓐ Never
- Ⓑ About once or twice a month
- Ⓒ About once or twice a week
- Ⓓ Almost every day
- Ⓔ Every day

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

- Ⓐ Never or hardly ever
- Ⓑ Once every few weeks
- Ⓒ About once a week
- Ⓓ Two or three times a week
- Ⓔ Every day

14. How much does each of the following statements describe you?

VH733141

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
VH733142 a. I finish whatever I begin.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733143 b. I try very hard even after making mistakes.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733145 c. I keep working hard even when I feel like quitting.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733144 d. I keep trying to improve myself, even when it takes a long time to get there.	☐ A	☐ B	☐ C	☐ D	☐ E

15. How much does each of the following statements describe you?

VH733149

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
VH733150 a. I like complex problems more than easy problems.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733151 b. I like activities that challenge my thinking abilities.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733155 c. I enjoy situations where I will have to think about something.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733154 d. I enjoy thinking about new solutions to problems.	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR586626

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
VR586627 a. Teachers care about students.	☐ A	☐ B	☐ C	☐ D
VR586628 b. Students feel comfortable talking with their teachers.	☐ A	☐ B	☐ C	☐ D
VR586630 c. Teachers expect students to do well.	☐ A	☐ B	☐ C	☐ D
VR586631 d. Teachers are available when students need them.	☐ A	☐ B	☐ C	☐ D
VR586633 e. Teachers try to understand students' problems.	☐ A	☐ B	☐ C	☐ D
VR586634 f. Teachers notice if students need help.	☐ A	☐ B	☐ C	☐ D
VR586636 g. Teachers treat all students respectfully.	☐ A	☐ B	☐ C	☐ D

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

2026 Operational Grade 4 Mathematics Student																																						
Previous Item			2026 Item				D/ A/R+	Rationale																														
15. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved math? Never Once Two or three times Four or five times More than five times			VER50015 N/A				D	This item was dropped in favor of a new item.																														
(2024)																																						
N/A			11. 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 In all or almost all of the lessons				VER50015			A	This item was developed to measure content aligned with the new Mathematics framework.																											
(2024)			Issue: Student Mathematical Identity																																			
19. How often do you participate in each of the following activities outside of school? Select one answer choice on each row. <table><tr><td></td><td>Never</td><td>About once or twice a year</td><td>About once or twice a month</td><td>About once or twice a week</td><td>Every day or almost every day</td><td></td></tr><tr><td>a. Talk about math problems with your friends</td><td> </td><td> </td><td> </td><td> </td><td> </td><td>Y12G09046</td></tr><tr><td>b. Play an instrument and read music</td><td> </td><td> </td><td> </td><td> </td><td> </td><td>Y12G09061</td></tr><tr><td>c. Go to websites for help with your math homework</td><td> </td><td> </td><td> </td><td> </td><td> </td><td>Y12G09062</td></tr></table>				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						Y12G09046	b. Play an instrument and read music						Y12G09061	c. Go to websites for help with your math homework						Y12G09062	VER50040 N/A				D	This item was dropped to reduce questionnaire length.		
	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						Y12G09046																																
b. Play an instrument and read music						Y12G09061																																
c. Go to websites for help with your math homework						Y12G09062																																
(2024)																																						

2026 Operational Grade 4 Mathematics Student			
Previous Item	2026 Item	D/A/R+	Rationale
N/A		A	This item captures the important aspect of

(2024)	15. How often do you receive help or tutoring for math outside of school, before school, or after school? Never About once or twice a year About once or twice a month About once or twice a week Every day or almost every day Issue: N/A	VE706027	help or tutoring received by students.																									
(2024)	20. How often do you play digital games (for example, apps, video games, or computer games) outside of school that involve math? Never About once or twice a year About once or twice a month About once or twice a week Every day or almost every day N/A	Y1800725	D This item was dropped to reduce questionnaire length.																									
(2024)	N/A 16. Outside of school, how often did you do each of these activities in the last month? Select one answer choice on each row. <table><tr><th></th><th>Never</th><th>Once</th><th>Two or three times</th><th>Four or more times</th></tr><tr><td>a. Figure out how long you can still play if you have to stop at a given time</td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>b. Determine if you have enough money to pay for something (for example, a gift for a friend or a book at a school book fair)</td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>c. Compare two amounts of something to determine which one is greater</td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>d. Figure out how many more pages you still have to read to finish a story or a chapter</td><td> </td><td> </td><td> </td><td> </td></tr></table> Issue: Mathematical Content and Practices		Never	Once	Two or three times	Four or more times	a. Figure out how long you can still play if you have to stop at a given time					b. Determine if you have enough money to pay for something (for example, a gift for a friend or a book at a school book fair)					c. Compare two amounts of something to determine which one is greater					d. Figure out how many more pages you still have to read to finish a story or a chapter					VE900308	A This item was developed to measure content aligned with the new Mathematics framework.
	Never	Once	Two or three times	Four or more times																								
a. Figure out how long you can still play if you have to stop at a given time																												
b. Determine if you have enough money to pay for something (for example, a gift for a friend or a book at a school book fair)																												
c. Compare two amounts of something to determine which one is greater																												
d. Figure out how many more pages you still have to read to finish a story or a chapter																												

2026 Operational Grade 4 Mathematics Student																																																																								
Previous Item		2026 Item				D/ A/R+	Rationale																																																																	
21. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select one answer choice on each row.		17. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select one answer choice on each row.				R	Subitem a was revised for clarity.																																																																	
<table><tr><td></td><td>I definitely can't</td><td>I probably can't</td><td>Maybe</td><td>I probably can</td><td>I definitely can</td><td></td></tr><tr><td>a. Estimate the weight of 5 apples using pounds (lbs.)</td><td>Ⓐ</td><td>Ⓑ</td><td>Ⓒ</td><td>Ⓓ</td><td>Ⓔ</td><td></td></tr><tr><td>b. Divide 42 stickers among 6 students</td><td>Ⓐ</td><td>Ⓑ</td><td>Ⓒ</td><td>Ⓓ</td><td>Ⓔ</td><td></td></tr><tr><td>c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width</td><td>Ⓐ</td><td>Ⓑ</td><td>Ⓒ</td><td>Ⓓ</td><td>Ⓔ</td><td></td></tr><tr><td>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</td><td>Ⓐ</td><td>Ⓑ</td><td>Ⓒ</td><td>Ⓓ</td><td>Ⓔ</td><td></td></tr></table>			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.)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ		b. Divide 42 stickers among 6 students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ		c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ		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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ		<table><tr><td></td><td>I definitely can't</td><td>I probably can't</td><td>Maybe</td><td>I probably can</td><td>I definitely can</td></tr><tr><td>a. Estimate the weight of 5 apples using pounds (lb)</td><td>Ⓐ</td><td>Ⓑ</td><td>Ⓒ</td><td>Ⓓ</td><td>Ⓔ</td></tr><tr><td>b. Divide 42 stickers among 6 students</td><td>Ⓐ</td><td>Ⓑ</td><td>Ⓒ</td><td>Ⓓ</td><td>Ⓔ</td></tr><tr><td>c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width</td><td>Ⓐ</td><td>Ⓑ</td><td>Ⓒ</td><td>Ⓓ</td><td>Ⓔ</td></tr><tr><td>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</td><td>Ⓐ</td><td>Ⓑ</td><td>Ⓒ</td><td>Ⓓ</td><td>Ⓔ</td></tr></table>					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)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	b. Divide 42 stickers among 6 students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ		
	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.)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ																																																																			
b. Divide 42 stickers among 6 students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ																																																																			
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ																																																																			
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ																																																																			
	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)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ																																																																			
b. Divide 42 stickers among 6 students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ																																																																			
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ																																																																			
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ																																																																			
(2024)		Issue: Student Mathematical Identity																																																																						

Appendix J1-6: Operational Grade 4 (Mathematics)

11. In your math class this year, how often have you explained in your own words your solution to a math problem?

VR590413

- ☐ A Never
- ☐ B In some of the lessons
- ☐ C In about half of the lessons
- ☐ D In more than half of the lessons
- ☐ E In all or almost all of the lessons

12. This school year, how often did the following things happen in your math class?

VH267415

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
VH588077 a. My teacher used computers or other digital devices when teaching math to my class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	☐ A	☐ B	☐ C	☐ D	☐ E

13. How often do you use a calculator?

VH336231

- ☐ A Never
- ☐ B About once or twice a year
- ☐ C About once or twice a month
- ☐ D About once or twice a week
- ☐ E Every day or almost every day

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

VH268936

- ☐ A Never
- ☐ B About once or twice a year
- ☐ C About once or twice a month
- ☐ D About once or twice a week
- ☐ E Every day or almost every day

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

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

VR590288

16. Outside of school, how often did you do each of these activities in the last month?

Select one answer choice on each row.

	Never	Once	Two or three times	Four or more times
VR590292 a. Figure out how long you can still play if you have to stop at a given time	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590293 b. Determine if you have enough money to pay for something (for example, a gift for a friend or a book at a school book fair)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590302 c. Compare two amounts of something to determine which one is greater	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590310 d. Figure out how many more pages you still have to read to finish a story or a chapter	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ

VR590192

17. Thinking about math, do you think that you would be able to do each of the following?

Do not actually solve the problems.

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH858273 a. Estimate the weight of 5 apples using pounds (lb)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH617317 b. Divide 42 stickers among 6 students	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH267682 c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH267683 d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

18. How much does each of the following statements describe you?

VH844769

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
VH844770 a. I enjoy doing math.	☐	☐	☐	☐	☐
VH844771 b. I look forward to my math class.	☐	☐	☐	☐	☐
VH844775 c. I am interested in the things I learn in math.	☐	☐	☐	☐	☐
VH844772 d. I think making an effort in math is worthwhile.	☐	☐	☐	☐	☐
VH844777 e. I think math will help me even when I am not in school.	☐	☐	☐	☐	☐
VH844774 f. I think it is important to do well in math.	☐	☐	☐	☐	☐

19. How much does each of the following statements describe you?

VH845110

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
VH845117 a. I want to learn as much as possible in my math class.	☐	☐	☐	☐	☐
VH845114 b. I want to master a lot of new skills in my math class.	☐	☐	☐	☐	☐
VH845115 c. I want to become better in math this year.	☐	☐	☐	☐	☐
VH845118 d. I want to understand as much as I can in my math class.	☐	☐	☐	☐	☐

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

2026 Operational Grade 8 Mathematics Student			
Previous Item	2026 Item	D/A/R+	Rationale
25. What math class are you taking this year? Select one or more answer choices. Ⓐ Eighth-grade math Ⓑ General eighth-grade math Ⓒ Algebra I course Ⓓ First year of a two-year algebra course Ⓔ Second year of a two-year algebra course Ⓕ Algebra I (one-year course) Ⓖ Algebra II Ⓗ Geometry Ⓘ Other (2024)	17. What math classes are you taking this year? Select one or more answer choices. Ⓐ Eighth-grade math Ⓑ Introduction to algebra or pre-algebra Ⓒ Algebra I Ⓓ Geometry Ⓔ Algebra II Ⓕ Other math class (Please specify): _____ Issue: Mathematical Content and Practices	R	The revised item includes streamlined response options.
26. What math class do you expect to take next year? Ⓐ Geometry Ⓑ Algebra II Ⓒ Algebra I (one-year course) Ⓓ First year of a two-year Algebra I course Ⓔ Second year of a two-year Algebra I course Ⓕ Introduction to algebra or pre-algebra Ⓖ Basic or general math Ⓗ Business or consumer math Ⓘ Other math class Ⓚ I don't know. (2024)	18. What math classes do you expect to take next year? Select one or more answer choices. Ⓐ Basic or general math Ⓑ Introduction to algebra or pre-algebra Ⓒ Algebra I Ⓓ Geometry Ⓔ Algebra II Ⓕ Integrated math Ⓖ Other math class (Please specify): _____ Ⓗ I don't know. Issue: Mathematical Content and Practices	R	The revised item includes streamlined response options.
27. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved math? Ⓐ Never Ⓑ Once Ⓒ Two or three times Ⓓ Four or five times Ⓔ More than five times (2024)	N/A	D	This item was dropped in favor of a new item.
2026 Operational Grade 8 Mathematics Student			
Previous Item	2026 Item	D/A/R+	Rationale
N/A	19. How often do you use a calculator? Ⓐ Never Ⓑ About once or twice a year Ⓒ About once or twice a month Ⓓ About once or twice a week Ⓔ Every day or almost every day	A	This item was added for consistency with the questionn

(2024)	Issue: Instructional Organization and Strategies		aire at grade 4.																																				
31. How often do you participate in each of the following activities outside of school? Select one answer choice on each row. <table><tr><th></th><th>Never</th><th>About once or twice a year</th><th>About once or twice a month</th><th>About once or twice a week</th><th>Every day or almost every day</th><th></th></tr><tr><td>a. Talk about math problems with your friends</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>V12L08944</td></tr><tr><td>b. Program computers</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>V12L08949</td></tr><tr><td>c. Go to websites for help with your math homework</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>V12L08952</td></tr></table>		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	☐	☐	☐	☐	☐	V12L08944	b. Program computers	☐	☐	☐	☐	☐	V12L08949	c. Go to websites for help with your math homework	☐	☐	☐	☐	☐	V12L08952	N/A	D	This item was dropped to reduce questionn aire length.								
	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	☐	☐	☐	☐	☐	V12L08944																																	
b. Program computers	☐	☐	☐	☐	☐	V12L08949																																	
c. Go to websites for help with your math homework	☐	☐	☐	☐	☐	V12L08952																																	
(2024)																																							
N/A	22. In your math lessons this year, how often do you do these things? Select one answer choice on each row. <table><tr><th></th><th>Never</th><th>In some of the lessons</th><th>In about half of the lessons</th><th>In more than half of the lessons</th><th>In all or almost all of the lessons</th></tr><tr><td>a. Use an equation or a graph to justify your answer</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>b. Evaluate whether an equation or graph supports an answer</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>c. Use an equation or a graph to help you choose which of two statements is true</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>d. Explain why you agree or disagree with another student's ideas about how to solve a math problem</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>e. Adapt your ideas about how to solve a math problem based on another student's ideas</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr></table>		Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons	a. Use an equation or a graph to justify your answer	☐	☐	☐	☐	☐	b. Evaluate whether an equation or graph supports an answer	☐	☐	☐	☐	☐	c. Use an equation or a graph to help you choose which of two statements is true	☐	☐	☐	☐	☐	d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	☐	☐	☐	☐	☐	e. Adapt your ideas about how to solve a math problem based on another student's ideas	☐	☐	☐	☐	☐	A	This item was developed to measure content aligned with the new Mathema tics framewor k.
	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons																																		
a. Use an equation or a graph to justify your answer	☐	☐	☐	☐	☐																																		
b. Evaluate whether an equation or graph supports an answer	☐	☐	☐	☐	☐																																		
c. Use an equation or a graph to help you choose which of two statements is true	☐	☐	☐	☐	☐																																		
d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	☐	☐	☐	☐	☐																																		
e. Adapt your ideas about how to solve a math problem based on another student's ideas	☐	☐	☐	☐	☐																																		
(2024)	Issue: Mathematical Content and Practices																																						

2026 Operational Grade 8 Mathematics Student

Previous Item	2026 Item	D/ A/R+	Rationale
N/A (2024)	23. In your math class this year, how often have you explained in your own words your solution to a math problem? ☐ 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 Issue: Student Mathematical Identity	A	This item was developed to measure content aligned with the new Mathematics framewor

			k.																									
N/A (2024)	25. How often do you receive help or tutoring for math outside of school, before school, or after school? VE760407 ☐ Never ☐ About once or twice a year ☐ About once or twice a month ☐ About once or twice a week ☐ Every day or almost every day Issue: N/A	A	This item captures the important aspect of help or tutoring received by students.																									
N/A (2024)	26. Outside of school, how often did you do each of these activities in the last month? Select one answer choice on each row. VE00029 <table><thead><tr><th></th><th>Never</th><th>Once</th><th>Two or three times</th><th>Four or more times</th></tr></thead><tbody><tr><td>a. Use math in a conversation with a friend VE00029</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>b. Make a decision based on the probability that something will occur VE00029</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>c. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task VE00029</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>d. Estimate how long you have to wait for something (for example, the end of a game) VE00029</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr></tbody></table> Issue: Mathematical Content and Practices		Never	Once	Two or three times	Four or more times	a. Use math in a conversation with a friend VE00029	☐	☐	☐	☐	b. Make a decision based on the probability that something will occur VE00029	☐	☐	☐	☐	c. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task VE00029	☐	☐	☐	☐	d. Estimate how long you have to wait for something (for example, the end of a game) VE00029	☐	☐	☐	☐	A	This item was developed to measure content aligned with the new Mathematics framework.
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d. Estimate how long you have to wait for something (for example, the end of a game) VE00029	☐	☐	☐	☐																								

2026 Operational Grade 8 Mathematics Student																																											
Previous Item	2026 Item					D/ A/R+	Rationale																																				
N/A (2024)	29. How much do you like doing the following activities? Select one answer choice on each row. <table><tr><td></td><td>Do not like at all</td><td>Like a little bit</td><td>Like somewhat</td><td>Like quite a bit</td><td>Like a lot</td></tr><tr><td>a. Doing math with another student</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>b. Deciding if a mathematical conclusion is true or false</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>c. Showing why an answer is correct, using an equation, graph, or table</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>d. Finding multiple ways to solve a math problem</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>e. Using graphs or geometric figures to solve a math problem</td><td></td><td></td><td></td><td></td><td></td></tr></table> Issue: Student Mathematical Identity						Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot	a. Doing math with another student						b. Deciding if a mathematical conclusion is true or false						c. Showing why an answer is correct, using an equation, graph, or table						d. Finding multiple ways to solve a math problem						e. Using graphs or geometric figures to solve a math problem						A	This item was developed to measure content aligned with the new Mathematics framework.
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e. Using graphs or geometric figures to solve a math problem																																											

N/A	30. How much do you like doing the following activities? Select one answer choice on each row. <table><tr><th></th><th>Do not like at all</th><th>Like a little bit</th><th>Like somewhat</th><th>Like quite a bit</th><th>Like a lot</th></tr><tr><td> VI800941 a. Using words or an equation to write the rule for a number pattern</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td> VI800942 b. Finding similarities among different examples of mathematical ideas</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td> VI800943 c. Checking the solution to a math problem to see if it makes sense in real life</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td> VI800944 d. Using math to solve problems from the real world</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td> VI800945 e. Translating the solution to a word problem back to the real-life situation it came from</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td> VI800946 f. Applying results from one math problem to other problems or situations</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr></table>		Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot	VI800941 a. Using words or an equation to write the rule for a number pattern	☐	☐	☐	☐	☐	VI800942 b. Finding similarities among different examples of mathematical ideas	☐	☐	☐	☐	☐	VI800943 c. Checking the solution to a math problem to see if it makes sense in real life	☐	☐	☐	☐	☐	VI800944 d. Using math to solve problems from the real world	☐	☐	☐	☐	☐	VI800945 e. Translating the solution to a word problem back to the real-life situation it came from	☐	☐	☐	☐	☐	VI800946 f. Applying results from one math problem to other problems or situations	☐	☐	☐	☐	☐	A	This item was developed to measure content aligned with the new Mathematics framework.
			Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot																																						
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		VI800942 b. Finding similarities among different examples of mathematical ideas	☐	☐	☐	☐	☐																																						
		VI800943 c. Checking the solution to a math problem to see if it makes sense in real life	☐	☐	☐	☐	☐																																						
		VI800944 d. Using math to solve problems from the real world	☐	☐	☐	☐	☐																																						
		VI800945 e. Translating the solution to a word problem back to the real-life situation it came from	☐	☐	☐	☐	☐																																						
		VI800946 f. Applying results from one math problem to other problems or situations	☐	☐	☐	☐	☐																																						

(2024)

Issue: Student Mathematical Identity

2026 Operational Grade 8 Mathematics Student																																																																																																														
Previous Item		2026 Item			D/ A/R+	Rationale																																																																																																								
32. How often do you play digital games (for example, apps, video games, or computer games) outside of school that involve math? Never About once or twice a year About once or twice a month About once or twice a week Every day or almost every day (2024)		N/A			D	This item was dropped to reduce questionn aire length.																																																																																																								
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. <table><thead><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr></thead><tbody><tr><td>a. List all of the different possible outcomes when a coin is flipped three times</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VI860181</td></tr><tr><td>b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in w weeks</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VI860183</td></tr><tr><td>c. Determine a 20 percent tip of a \$55 restaurant dinner bill</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VI860189</td></tr><tr><td>d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VI860191</td></tr><tr><td>e. Give an example to show that a math statement is false</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VI860199</td></tr><tr><td>f. Explain to your classmate how you solved a math problem</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VI860201</td></tr><tr><td>g. Use correct mathematical words and symbols when showing your work</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VI860203</td></tr></tbody></table> (2024)			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	☐	☐	☐	☐	☐	VI860181	b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in w weeks	☐	☐	☐	☐	☐	VI860183	c. Determine a 20 percent tip of a \$55 restaurant dinner bill	☐	☐	☐	☐	☐	VI860189	d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	☐	☐	☐	☐	☐	VI860191	e. Give an example to show that a math statement is false	☐	☐	☐	☐	☐	VI860199	f. Explain to your classmate how you solved a math problem	☐	☐	☐	☐	☐	VI860201	g. Use correct mathematical words and symbols when showing your work	☐	☐	☐	☐	☐	VI860203	31. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select one answer choice on each row. <table><thead><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th></tr></thead><tbody><tr><td>a. List all of the different possible outcomes when a coin is flipped three times</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>c. Determine a 20% tip for a \$55 restaurant dinner bill</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>e. Give an example to show that a math statement is false</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>f. Explain to your classmate how you solved a math problem</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>g. Use correct mathematical words and symbols when showing your work</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr></tbody></table> Issue: Student Mathematical Identity				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	☐	☐	☐	☐	☐	b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks	☐	☐	☐	☐	☐	c. Determine a 20% tip for a \$55 restaurant dinner bill	☐	☐	☐	☐	☐	d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	☐	☐	☐	☐	☐	e. Give an example to show that a math statement is false	☐	☐	☐	☐	☐	f. Explain to your classmate how you solved a math problem	☐	☐	☐	☐	☐	g. Use correct mathematical words and symbols when showing your work	☐	☐	☐	☐	☐	R	Subitems b and c were revised for clarity.
	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	☐	☐	☐	☐	☐	VI860181																																																																																																								
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in w weeks	☐	☐	☐	☐	☐	VI860183																																																																																																								
c. Determine a 20 percent tip of a \$55 restaurant dinner bill	☐	☐	☐	☐	☐	VI860189																																																																																																								
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	☐	☐	☐	☐	☐	VI860191																																																																																																								
e. Give an example to show that a math statement is false	☐	☐	☐	☐	☐	VI860199																																																																																																								
f. Explain to your classmate how you solved a math problem	☐	☐	☐	☐	☐	VI860201																																																																																																								
g. Use correct mathematical words and symbols when showing your work	☐	☐	☐	☐	☐	VI860203																																																																																																								
	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	☐	☐	☐	☐	☐																																																																																																									
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks	☐	☐	☐	☐	☐																																																																																																									
c. Determine a 20% tip for a \$55 restaurant dinner bill	☐	☐	☐	☐	☐																																																																																																									
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	☐	☐	☐	☐	☐																																																																																																									
e. Give an example to show that a math statement is false	☐	☐	☐	☐	☐																																																																																																									
f. Explain to your classmate how you solved a math problem	☐	☐	☐	☐	☐																																																																																																									
g. Use correct mathematical words and symbols when showing your work	☐	☐	☐	☐	☐																																																																																																									

Appendix J1-8: Operational Grade 8 (Mathematics)

VR600417

17. What math classes are you taking this year?

Select **one or more** answer choices.

- ☐ Ⓐ Eighth-grade math
- ☐ Ⓑ Introduction to algebra or pre-algebra
- ☐ Ⓒ Algebra I
- ☐ Ⓓ Geometry
- ☐ Ⓔ Algebra II
- ☐ Ⓕ Other math class (Please specify): _____

VR600420

18. What math classes do you expect to take next year?

Select **one or more** answer choices.

- ☐ Ⓐ Basic or general math
- ☐ Ⓑ Introduction to algebra or pre-algebra
- ☐ Ⓒ Algebra I
- ☐ Ⓓ Geometry
- ☐ Ⓔ Algebra II
- ☐ Ⓕ Integrated math
- ☐ Ⓖ Other math class (Please specify): _____
- ☐ Ⓗ I don't know.

VH336231

19. How often do you use a calculator?

- ☐ Ⓐ 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

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

VH266808

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
VH266809 a. Basic calculator	☐ A	☐ B	☐ C	☐ D	☐ E
VR191495 b. Scientific (not graphing) calculator	☐ A	☐ B	☐ C	☐ D	☐ E
VH266810 c. Graphing calculator	☐ A	☐ B	☐ C	☐ D	☐ E

21. This school year, how often did the following things happen in your math class?

VH267415

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
VH588077 a. My teacher used computers or other digital devices when teaching math to my class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	☐ A	☐ B	☐ C	☐ D	☐ E

22. In your math lessons this year, how often do you do these things?

VR590395

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
VR590397 a. Use an equation or a graph to justify your answer	☐ A	☐ B	☐ C	☐ D	☐ E
VR590398 b. Evaluate whether an equation or graph supports an answer	☐ A	☐ B	☐ C	☐ D	☐ E
VR590396 c. Use an equation or a graph to help you choose which of two statements is true	☐ A	☐ B	☐ C	☐ D	☐ E
VR590400 d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	☐ A	☐ B	☐ C	☐ D	☐ E
VR590402 e. Adapt your ideas about how to solve a math problem based on another student's ideas	☐ A	☐ B	☐ C	☐ D	☐ E

23. 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
- ☐ Ⓔ In all or almost all of the lessons

24. How often do you use math in everyday life outside of 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

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

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

26. Outside of school, how often did you do each of these activities in the last month?

Select one answer choice on each row.

	Never	Once	Two or three times	Four or more times
VR590329 a. Use math in a conversation with a friend	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590332 b. Make a decision based on the probability that something will occur	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590335 c. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590337 d. Estimate how long you have to wait for something (for example, the end of a game)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ

27. How much does each of the following statements describe you?

VH844769

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
VH844770 a. I enjoy doing math.	☐	☐	☐	☐	☐
VH844771 b. I look forward to my math class.	☐	☐	☐	☐	☐
VH844775 c. I am interested in the things I learn in math.	☐	☐	☐	☐	☐
VH844772 d. I think making an effort in math is worthwhile.	☐	☐	☐	☐	☐
VH844777 e. I think math will help me even when I am not in school.	☐	☐	☐	☐	☐
VH844774 f. I think it is important to do well in math.	☐	☐	☐	☐	☐

28. How much does each of the following statements describe you?

VH845110

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
VH845117 a. I want to learn as much as possible in my math class.	☐	☐	☐	☐	☐
VH845114 b. I want to master a lot of new skills in my math class.	☐	☐	☐	☐	☐
VH845115 c. I want to become better in math this year.	☐	☐	☐	☐	☐
VH845118 d. I want to understand as much as I can in my math class.	☐	☐	☐	☐	☐

29. How much do you like doing the following activities?

VR600400

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
VR589847 a. Doing math with another student	☐	☐	☐	☐	☐
VR589850 b. Deciding if a mathematical conclusion is true or false	☐	☐	☐	☐	☐
VR589853 c. Showing why an answer is correct, using an equation, graph, or table	☐	☐	☐	☐	☐
VR589857 d. Finding multiple ways to solve a math problem	☐	☐	☐	☐	☐
VR589840 e. Using graphs or geometric figures to solve a math problem	☐	☐	☐	☐	☐

30. How much do you like doing the following activities?

VR589836

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
VR589841 a. Using words or an equation to write the rule for a number pattern	☐ A	☐ B	☐ C	☐ D	☐ E
VR589842 b. Finding similarities among different examples of mathematical ideas	☐ A	☐ B	☐ C	☐ D	☐ E
VR589843 c. Checking the solution to a math problem to see if it makes sense in real life	☐ A	☐ B	☐ C	☐ D	☐ E
VR589844 d. Using math to solve problems from the real world	☐ A	☐ B	☐ C	☐ D	☐ E
VR589845 e. Translating the solution to a word problem back to the real-life situation it came from	☐ A	☐ B	☐ C	☐ D	☐ E
VR589846 f. Applying results from one math problem to other problems or situations	☐ A	☐ B	☐ C	☐ D	☐ E

31. Thinking about math, do you think that you would be able to do each of the following?

VR590192

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
VR731432 a. List all of the different possible outcomes when a coin is flipped three times	☐ A	☐ B	☐ C	☐ D	☐ E
VR590202 b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks	☐ A	☐ B	☐ C	☐ D	☐ E
VR731433 c. Determine a 20% tip for a \$55 restaurant dinner bill	☐ A	☐ B	☐ C	☐ D	☐ E
VH267682 d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	☐ A	☐ B	☐ C	☐ D	☐ E
VR731434 e. Give an example to show that a math statement is false	☐ A	☐ B	☐ C	☐ D	☐ E
VR731435 f. Explain to your classmate how you solved a math problem	☐ A	☐ B	☐ C	☐ D	☐ E
VR731436 g. Use correct mathematical words and symbols when showing your work	☐ A	☐ B	☐ C	☐ D	☐ E

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

2026 Operational Grade 4 Reading Student			
Previous Item	2026 Item	D/ A/R+	Rationale
N/A <			

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

19. In this school year, how often do you borrow reading materials (such as books or magazines) from your classroom library, school library, or media center? Ⓐ 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 (2024)	19. In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)? Ⓐ Never Ⓑ About once or twice a year Ⓒ About once or twice a month Ⓓ About once or twice a week Ⓔ Every day or almost every day Issue: Engagement and Motivation		for clarity.
20. Besides doing homework, how much time do you spend reading outside of school? Ⓐ Less than 30 minutes a day Ⓑ About 30 minutes a day Ⓒ About 1 hour a day Ⓓ About 2 hours a day Ⓔ About 3 hours a day Ⓕ 4 or more hours a day (2024)	18. How much time do you usually spend reading for fun outside of school? Ⓐ Less than 15 minutes a day Ⓑ 15 to 30 minutes a day Ⓒ 31 minutes to 1 hour a day Ⓓ More than 1 hour a day Ⓔ I don't read for fun. Issue: Engagement and Motivation	R	This Item was revised to put the emphasis on “reading for fun.”
N/A (2024)	20. Are you able to get reading materials outside of school? Ⓐ Yes Ⓑ No Issue: School and Community Resources	A	This item was developed to measure content aligned with the new Reading framework.

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

24. How often do you typically do each of the following things outside of school? Select one answer choice on each row.							VR02086
	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	☐	☐	☐	☐	☐	VH06007	
b. Read blogs	☐	☐	☐	☐	☐	VH06013	
(2024)							

questionnaire length.

Appendix J1-10: Operational Grade 4 (Reading)

11. Think about the last topic that you read about on this test. How interested were you in the topic?

VR591075

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much
- ☐ Ⓕ I don't remember.

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

VR590942

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VR590947 a. Read the text again when you don't understand something	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590951 b. Look at the text to help you answer questions	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590946 c. Think about what you already know about the topic	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590948 d. Have your own opinions about the text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590950 e. Use other words to figure out the meaning of a word	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

13. How often does your teacher ask you to discuss new or difficult vocabulary?

VH332853

- ☐ Ⓐ 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

14. For school this year, how often do you work in pairs or small groups to talk about something that you have read?

VH332862

- ☐ Ⓐ 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

VH332871

15. For school this year, how often do you have a class discussion about something that the class has read?

- ☐ Ⓐ 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

VH588774

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

- ☐ Ⓐ Never
- ☐ Ⓑ Once
- ☐ Ⓒ Two or three times
- ☐ Ⓓ Four or five times
- ☐ Ⓔ More than five times

VR591015

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

- ☐ Ⓐ Yes
- ☐ Ⓑ No

18. How much time do you usually spend reading for fun outside of school?

VR591010

- ☐ Ⓐ Less than 15 minutes a day
- ☐ Ⓑ 15 to 30 minutes a day
- ☐ Ⓒ 31 minutes to 1 hour a day
- ☐ Ⓓ More than 1 hour a day
- ☐ Ⓔ I don't read for fun.

19. In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)?

VH853176

- ☐ Ⓐ 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

20. Are you able to get reading materials outside of school?

VR591084

- ☐ Ⓐ Yes
- ☐ Ⓑ No

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

VH332820

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

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

VH260847

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH260848 a. Figure out the meaning of a word you don't know by using other words in the text	☐ A	☐ B	☐ C	☐ D	☐ E
VH260849 b. Explain the meaning of something you have read	☐ A	☐ B	☐ C	☐ D	☐ E
VH260851 c. Figure out the main idea of a text	☐ A	☐ B	☐ C	☐ D	☐ E
VH260859 d. Find text in a reading passage to help you answer a question on a test	☐ A	☐ B	☐ C	☐ D	☐ E
VH260861 e. Recognize when you don't understand something you are reading	☐ A	☐ B	☐ C	☐ D	☐ E
VH260863 f. Recognize the difference between fact and opinion in a text	☐ A	☐ B	☐ C	☐ D	☐ E

23. How much does each of the following statements describe you?

VH844081

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
VH844096 a. I want to learn as much as possible in my English/language arts class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844097 b. I want to become a better reader this year.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844098 c. I want to understand as much as I can in my English/language arts class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844100 d. I want to master a lot of new English/language arts skills in my class.	☐ A	☐ B	☐ C	☐ D	☐ E

24. How much does each of the following statements describe you?

VH844168

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
VH844169 a. Reading is one of my favorite activities.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844172 b. I think reading is important.	☐ A	☐ B	☐ C	☐ D	☐ E

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

2026 Operational Grade 8 Reading Student																																									
Previous Item		2026 Item		D/ A/R+	Rationale																																				
N/A (2024)		17. Think about the last topic that you read about on this test. How familiar were you with that topic before taking this test? VER50084 Not at all A little bit Somewhat Quite a bit Very much I don't remember. Issue: Cognition and Metacognition		A	This item was developed to measure content aligned with the new Reading framework.																																				
N/A (2024)		18. Think about the last topic that you read about on this test. How interested were you in the topic? VER50075 Not at all A little bit Somewhat Quite a bit Very much I don't remember. Issue: Engagement and Motivation		A	This item was developed to measure content aligned with the new Reading framework.																																				
N/A (2024)		22. When you read for your English/language arts class, how often do you do the following things? VER50042 Select one answer choice on each row. <table><tr><th></th><th>Never or hardly ever</th><th>Once in a while</th><th>Sometimes</th><th>Often</th><th>Always or almost always</th></tr><tr><td>a. Read the text again when you don't understand something VER50057 </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>b. Look at the text to help you answer questions VER50051 </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>c. Think about what you already know about the topic VER50046 </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>d. Have your own opinions about the text VER50048 </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>e. Use other words to figure out the meaning of a word VER50050 </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> Issue: Cognition and Metacognition			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 VER50057						b. Look at the text to help you answer questions VER50051						c. Think about what you already know about the topic VER50046						d. Have your own opinions about the text VER50048						e. Use other words to figure out the meaning of a word VER50050						A	This item was developed to measure content aligned with the new Reading framework.
	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 VER50057																																									
b. Look at the text to help you answer questions VER50051																																									
c. Think about what you already know about the topic VER50046																																									
d. Have your own opinions about the text VER50048																																									
e. Use other words to figure out the meaning of a word VER50050																																									

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

N/A (2024)	24. Does your teacher give you class time to read for fun? ☐ Yes ☐ No Issue: Engagement and Motivation	VR091015		developed to measure content aligned with the new Reading framework.
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 (2024)	25. How much time do you usually spend reading for fun outside of school? ☐ Less than 15 minutes a day ☐ 15 to 30 minutes a day ☐ 31 minutes to 1 hour a day ☐ More than 1 hour a day ☐ I don't read for fun. Issue: Engagement and Motivation	VR091010	R	This Item was revised to put the emphasis on “reading for fun.”
N/A (2024)	26. In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)? ☐ Never ☐ About once or twice a year ☐ About once or twice a month ☐ About once or twice a week ☐ Every day or almost every day Issue: Engagement and Motivation	VR091016	A	This item was developed to measure content aligned with the new Reading framework.
N/A (2024)	27. Do you prefer to read texts on paper (printed texts) or on a screen (digital texts) when reading for fun? ☐ Print ☐ Digital ☐ I don't have a preference. ☐ I don't read for fun. Issue: Engagement and Motivation	VR091062	A	This item was developed to measure content aligned with the new Reading framework.

2026 Operational Grade 8 Reading Student			
Previous Item	2026 Item	D/ A/R+	Rationale
N/A	28. Are you able to get reading materials outside of school? Yes No	VR51084 A	This item was developed to measure

(2024)	Issue: School and Community Resources		content aligned with the new Reading framework.																								
N/A	29. How often do you typically read each of the following outside of school (print or online)? Select one answer choice on each row. <table><tr><td></td><td>Never</td><td>About once or twice a year</td><td>About once or twice a month</td><td>About once or twice a week</td><td>Every day or almost every day</td></tr><tr><td>a. Stories or novels</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>b. E-mails</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr><tr><td>c. Text messages</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr></table>		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. E-mails	☐	☐	☐	☐	☐	c. Text messages	☐	☐	☐	☐	☐	A	This trend item was added to measure content aligned with the new Reading framework.
	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. E-mails	☐	☐	☐	☐	☐																						
c. Text messages	☐	☐	☐	☐	☐																						
(2024)	Issue: School and Community Resources																										
N/A	30. How often do you receive help from a tutor, family member, or friend with English/language arts outside of school or after school? ☐ Never ☐ About once or twice a year ☐ About once or twice a month ☐ About once or twice a week ☐ Every day or almost every day	A	This trend item was added to measure content aligned with the new Reading framework.																								
(2024)	Issue: School and Community Resources																										

2026 Operational Grade 8 Reading Student																																																																																																							
Previous Item		2026 Item				D/ A/R+	Rationale																																																																																																
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(2024)		Issue: Engagement and Motivation																																																																																																					

31. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.							VH211306	N/A	D	This Item was dropped and some subitems were included in new matrix item VH260847 for 2026.
	I definitely can't	I probably can't	Maybe	I probably can	I definitely can					
a. Recognize the difference between fact and opinion in a text	☐	☐	☐	☐	☐	VH240963				
b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	☐	☐	☐	☐	☐	VH240967				
c. Critique an author's craft or technique	☐	☐	☐	☐	☐	VH240966				
d. Use evidence from a text to support my answer	☐	☐	☐	☐	☐	VH241461				
e. Identify the author's perspective in a persuasive text	☐	☐	☐	☐	☐	VH240968				
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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 <table><tr><td>a. Reading is one of my favorite activities.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844169</td></tr><tr><td>b. I like talking about books with other people.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844170</td></tr><tr><td>c. I think reading is important.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844172</td></tr><tr><td>d. I enjoy going to a bookstore or a library.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844171</td></tr></table>							a. Reading is one of my favorite activities.	☐	☐	☐	☐	☐	VH844169	b. I like talking about books with other people.	☐	☐	☐	☐	☐	VH844170	c. I think reading is important.	☐	☐	☐	☐	☐	VH844172	d. I enjoy going to a bookstore or a library.	☐	☐	☐	☐	☐	VH844171	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 <table><tr><td>a. Reading is one of my favorite activities.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844169</td></tr><tr><td>b. I like talking about books with other people.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844170</td></tr><tr><td>c. I think reading is important.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844172</td></tr><tr><td>d. I enjoy going to a bookstore or a library.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844171</td></tr><tr><td>e. I enjoy finding things to read online.</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>VH844168</td></tr></table>			a. Reading is one of my favorite activities.	☐	☐	☐	☐	☐	VH844169	b. I like talking about books with other people.	☐	☐	☐	☐	☐	VH844170	c. I think reading is important.	☐	☐	☐	☐	☐	VH844172	d. I enjoy going to a bookstore or a library.	☐	☐	☐	☐	☐	VH844171	e. I enjoy finding things to read online.	☐	☐	☐	☐	☐	VH844168	R	This item was revised to add subitem VH844168.
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(2024)																																																																										

Appendix J1-12: Operational Grade 8 (Reading)

VR590984

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

- ☐ A Not at all
- ☐ B A little bit
- ☐ C Somewhat
- ☐ D Quite a bit
- ☐ E Very much
- ☐ F I don't remember.

18. Think about the last topic that you read about on this test. How interested were you in the topic?

- ☐ A Not at all
- ☐ B A little bit
- ☐ C Somewhat
- ☐ D Quite a bit
- ☐ E Very much
- ☐ F I don't remember.

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

VH332887

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
VH332888 a. Have a class discussion about something that the whole class has read	☐ A	☐ B	☐ C	☐ D	☐ E
VH332889 b. Work in pairs or small groups to talk about something that you have read	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH588774

- ☐ A Never
- ☐ B Once
- ☐ C Two or three times
- ☐ D Four or five times
- ☐ E More than five times

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

VH260254

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VH260256 a. Evaluate the main evidence in a persuasive/argument passage	☐ A	☐ B	☐ C	☐ D	☐ E
VH333142 b. Analyze the author's organization of information in a passage	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR590942

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VR590947 a. Read the text again when you don't understand something	☐ A	☐ B	☐ C	☐ D	☐ E
VR590951 b. Look at the text to help you answer questions	☐ A	☐ B	☐ C	☐ D	☐ E
VR590946 c. Think about what you already know about the topic	☐ A	☐ B	☐ C	☐ D	☐ E
VR590948 d. Have your own opinions about the text	☐ A	☐ B	☐ C	☐ D	☐ E
VR590950 e. Use other words to figure out the meaning of a word	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH333074

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VH333075 a. Summarize the passage	☐ A	☐ B	☐ C	☐ D	☐ E
VH333076 b. Interpret the meaning of the passage	☐ A	☐ B	☐ C	☐ D	☐ E
VH333079 c. Question the motives or feelings of the characters	☐ A	☐ B	☐ C	☐ D	☐ E
VH333078 d. Identify the main ideas of the passage	☐ A	☐ B	☐ C	☐ D	☐ E
VH333094 e. Identify the themes of the passage	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR591015

- ☐ A Yes
☐ B No

25. How much time do you usually spend reading for fun outside of school?

- ☐ Ⓐ Less than 15 minutes a day
- ☐ Ⓑ 15 to 30 minutes a day
- ☐ Ⓒ 31 minutes to 1 hour a day
- ☐ Ⓓ More than 1 hour a day
- ☐ Ⓔ I don't read for fun.

26. In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)?

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

27. Do you prefer to read texts on paper (printed texts) or on a screen (digital texts) when reading for fun?

- ☐ Ⓐ Print
- ☐ Ⓑ Digital
- ☐ Ⓒ I don't have a preference.
- ☐ Ⓓ I don't read for fun.

28. Are you able to get reading materials outside of school?

- ☐ Ⓐ Yes
- ☐ Ⓑ No

29. How often do you typically read each of the following outside of school (print or online)?

Select one answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH261066 a. Stories or novels	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH261074 b. E-mails	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH261075 c. Text messages	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

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

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

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

VH260847

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH260848 a. Figure out the meaning of a word you don't know by using other words in the text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260849 b. Explain the meaning of something you have read	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260851 c. Figure out the main idea of a text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260859 d. Find text in a reading passage to help you answer a question on a test	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260861 e. Recognize when you don't understand something you are reading	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260863 f. Recognize the difference between fact and opinion in a text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260857 g. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH616841 h. Use evidence from a text to support my answer	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

32. How much does each of the following statements describe you?

VH844081

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
VH844096 a. I want to learn as much as possible in my English/language arts class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH844097 b. I want to become a better reader this year.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH844098 c. I want to understand as much as I can in my English/language arts class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH844100 d. I want to master a lot of new English/language arts skills in my class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

33. How much does each of the following statements describe you?

VH844168

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
VH844169 a. Reading is one of my favorite activities.	☐	☐	☐	☐	☐
VH844170 b. I like talking about books with other people.	☐	☐	☐	☐	☐
VH844172 c. I think reading is important.	☐	☐	☐	☐	☐
VH844171 d. I enjoy going to a bookstore or a library.	☐	☐	☐	☐	☐
VH853415 e. I enjoy finding things to read online.	☐	☐	☐	☐	☐

Appendix J1-13: Operational Grade 8 (Civics)

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

VH456753

Select one answer choice on each row.

	Yes, I took a class or course mainly focused on civics and/or United States government.	Yes, I took a class or course that included some civics and/or United States government topics.	No, I did not take a class or course that taught civics and/or United States government topics.	I don't remember.
a. 6th grade VH457394	☐ A	☐ B	☐ C	☐ D
b. 7th grade VH457396	☐ A	☐ B	☐ C	☐ D
c. 8th grade VH457397	☐ A	☐ B	☐ C	☐ D

18. In your social studies class this year, how much have you studied the following topics?

VH457356

Select one answer choice on each row.

	Not at all	Very little	Some	Quite a bit	A lot
a. The United States Constitution VH457358	☐ A	☐ B	☐ C	☐ D	☐ E
b. The three branches of the United States government (executive, judicial, and legislative branches) VH457359	☐ A	☐ B	☐ C	☐ D	☐ E
c. How laws are made VH457363	☐ A	☐ B	☐ C	☐ D	☐ E
d. Political parties, elections, and voting VH457366	☐ A	☐ B	☐ C	☐ D	☐ E
e. Other countries' governments (for example, their structure, how they are run, or interactions with the United States) VH457368	☐ A	☐ B	☐ C	☐ D	☐ E
f. International organizations (for example, the United Nations, World Bank, or World Health Organization) VH457369	☐ A	☐ B	☐ C	☐ D	☐ E
g. Current political and social issues VH457372	☐ A	☐ B	☐ C	☐ D	☐ E

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

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VH716865 a. Study the rights and responsibilities of United States citizens	☐ A	☐ B	☐ C	☐ D	☐ E
VH716871 b. Compare the roles and responsibilities of local, state, and national governments in the United States	☐ A	☐ B	☐ C	☐ D	☐ E
VH727879 c. Study why it is important for individuals to participate in the political process and government	☐ A	☐ B	☐ C	☐ D	☐ E

20. In your social studies class this year, how often do you get the following assignments?

Select one answer choice on each row.

	Never or hardly ever	Less than half of the lessons	About half of the lessons	More than half of the lessons	All or almost all of the lessons
VH457533 a. Short written responses (for example, a paragraph or less)	☐ A	☐ B	☐ C	☐ D	☐ E
VH457534 b. Assignments that use different forms of media (for example, photos, videos, or music)	☐ A	☐ B	☐ C	☐ D	☐ E
VH457542 c. Responses to questions based on information from several sources (for example, letters, cartoons, or maps)	☐ A	☐ B	☐ C	☐ D	☐ E

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

Select one answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH457548 a. Organize information about civics and/or United States government topics by creating tables, charts, or graphs	☐ A	☐ B	☐ C	☐ D	☐ E
VH457549 b. Create reports or projects about civics and/or United States government using different forms of media (for example, a slide presentation that combines text and video clips)	☐ A	☐ B	☐ C	☐ D	☐ E
VH457550 c. Participate in online discussions about civics and/or United States government on a website (for example, in forums or social media)	☐ A	☐ B	☐ C	☐ D	☐ E
VH457551 d. Use the Internet to look for evidence or sources (for example, text documents, photographic images, or films)	☐ A	☐ B	☐ C	☐ D	☐ E

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
VH716888 a. I think I can make a difference in my community.	☐ A	☐ B	☐ C	☐ D	☐ E
VH716893 b. I think being actively involved in community issues is my responsibility.	☐ A	☐ B	☐ C	☐ D	☐ E
VH716891 c. I think being concerned about state and local issues is an important responsibility for everybody.	☐ A	☐ B	☐ C	☐ D	☐ E
VH716892 d. I have good ideas for programs and projects that would help solve problems in my community.	☐ A	☐ B	☐ C	☐ D	☐ E
VH716890 e. I expect to be involved in improving my community three years from now.	☐ A	☐ B	☐ C	☐ D	☐ E

23. Do you think that you would be able to do each of the following?

VH457877

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH457878 a. Explain the roles and functions of the three branches of the United States government	☐ A	☐ B	☐ C	☐ D	☐ E
VH457879 b. Explain the rights and responsibilities of United States citizens	☐ A	☐ B	☐ C	☐ D	☐ E
VH457880 c. Explain how the United States influences and is influenced by events in other countries	☐ A	☐ B	☐ C	☐ D	☐ E
VH457882 d. Compare the roles and responsibilities of local, state, and national governments in the United States	☐ A	☐ B	☐ C	☐ D	☐ E
VH457884 e. Explain why it is important to pay attention to the political process and government	☐ A	☐ B	☐ C	☐ D	☐ E
VH457885 f. Explain why it is important for individuals to participate in the political process and government	☐ A	☐ B	☐ C	☐ D	☐ E

24. How much does each of the following statements describe you?

VH716899

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
VH716900 a. I want to learn as much as possible about civics and/or United States government in my class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH716901 b. I want to master a lot of new civics and/or United States government skills in my class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH716904 c. I want to become a better civics and/or United States government student this year.	☐ A	☐ B	☐ C	☐ D	☐ E
VH716902 d. I want to understand as much as I can about civics and/or United States government in my class.	☐ A	☐ B	☐ C	☐ D	☐ E

25. How much does each of the following statements describe you?

VH716873

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
VH716878 a. I think that civics and/or United States government schoolwork helps me understand what is happening in the world around me.	☐ A	☐ B	☐ C	☐ D	☐ E
VH716876 b. I think that learning about civics and/or United States government topics will be important for my future.	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH716880

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
VH716881 a. Read about current political events in the media	☐ A	☐ B	☐ C	☐ D	☐ E
VH716882 b. Watch movies, videos, and/or TV programs about current political events	☐ A	☐ B	☐ C	☐ D	☐ E
VH716884 c. Participate in volunteer activities within a community	☐ A	☐ B	☐ C	☐ D	☐ E
VH716883 d. Discuss current political events or issues with others (for example, people in my home or friends)	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH457791

- ☐ A Never
- ☐ B About once or twice a year
- ☐ C About once or twice a month
- ☐ D About once or twice a week
- ☐ E Every day or almost every day

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

17. In which of the following grades have you learned about United States history?

VH459698

Select one answer choice on each row.

	Yes, I took a class or course mainly focused on United States history.	Yes, I took a class or course that included some United States history topics.	No, I did not take a class or course that taught United States history topics.	I don't remember.
a. 6th grade VH459700	☐ A	☐ B	☐ C	☐ D
b. 7th grade VH459701	☐ A	☐ B	☐ C	☐ D
c. 8th grade VH459702	☐ A	☐ B	☐ C	☐ D

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

VH459719

Select one answer choice on each row.

	Not at all	Very little	Some	Quite a bit	A lot
a. The period before 1815 (for example, age of exploration, colonization, settlement, or American Revolution) VH459720	☐ A	☐ B	☐ C	☐ D	☐ E
b. 1815 to 1865 (for example, expansion, reform, sectionalism, or the Civil War) VH459721	☐ A	☐ B	☐ C	☐ D	☐ E
c. 1865 to 1945 (for example, Reconstruction, industrial growth, United States role in world events, immigration, the Great Depression, or the First and Second World Wars) VH459722	☐ A	☐ B	☐ C	☐ D	☐ E
d. 1945 to the present (for example, the Cold War, Civil Rights movement, women's rights movement, Vietnam War, or environmental movement) VH459723	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH718591

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VH718592 a. Examine the causes and effects of important events in United States history	☐ A	☐ B	☐ C	☐ D	☐ E
VH718593 b. Examine how time periods in United States history are similar or different	☐ A	☐ B	☐ C	☐ D	☐ E
VH718594 c. Judge whether information from a source (for example, text, visual graphics, video, or audio) is accurate	☐ A	☐ B	☐ C	☐ D	☐ E
VH718598 d. Analyze the relationship between two historical events	☐ A	☐ B	☐ C	☐ D	☐ E
VH718596 e. Compare and evaluate different points of view about the past (for example, different ideas about what caused the Civil War)	☐ A	☐ B	☐ C	☐ D	☐ E
VH718597 f. Come up with research questions about why or how something happened in the past (for example, what were the causes of the Great Depression)	☐ A	☐ B	☐ C	☐ D	☐ E
VH718595 g. Take and defend a position about a historical issue (for example, how changes in transportation have affected the United States economy)	☐ A	☐ B	☐ C	☐ D	☐ E

20. In your social studies class this year, how often do you get the following assignments?

VH457531

Select one answer choice on each row.

	Never or hardly ever	Less than half of the lessons	About half of the lessons	More than half of the lessons	All or almost all of the lessons
VH457533 a. Short written responses (for example, a paragraph or less)	☐ A	☐ B	☐ C	☐ D	☐ E
VH457534 b. Assignments that use different forms of media (for example, photos, videos, or music)	☐ A	☐ B	☐ C	☐ D	☐ E
VH457542 c. Responses to questions based on information from several sources (for example, letters, cartoons, or maps)	☐ A	☐ B	☐ C	☐ D	☐ E

21. How much does each of the following statements describe you?

VH719828

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
VH719829 a. I form opinions about historical events only after I have information from more than one source.	☐ A	☐ B	☐ C	☐ D	☐ E
VH719830 b. I need to know the history leading up to an event to truly understand it.	☐ A	☐ B	☐ C	☐ D	☐ E
VH719834 c. I want to know what lies behind the story when I study a conflict in history.	☐ A	☐ B	☐ C	☐ D	☐ E
VH719832 d. I try to understand others better by imagining how things look from their perspective.	☐ A	☐ B	☐ C	☐ D	☐ E
VH719833 e. I try to look at everybody's side of a disagreement before I make a decision.	☐ A	☐ B	☐ C	☐ D	☐ E
VH719831 f. I think that there is more than one side to every question, and I try to look at all of them.	☐ A	☐ B	☐ C	☐ D	☐ E

22. Do you think that you would be able to do each of the following?

VH460009

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH460011 a. Explain the causes and effects of important events in United States history	☐ A	☐ B	☐ C	☐ D	☐ E
VH460016 b. Explain how time periods in United States history are similar or different	☐ A	☐ B	☐ C	☐ D	☐ E
VH460017 c. Judge whether information from a source (for example, text, visual graphics, video, or audio) is accurate	☐ A	☐ B	☐ C	☐ D	☐ E
VH460041 d. Understand the relationship between two historical events	☐ A	☐ B	☐ C	☐ D	☐ E
VH460042 e. Compare and evaluate different points of view about the past (for example, different ideas about what caused the Civil War)	☐ A	☐ B	☐ C	☐ D	☐ E
VH460043 f. Come up with research questions about why or how something happened in the past (for example, what were the causes of the Great Depression)	☐ A	☐ B	☐ C	☐ D	☐ E
VH460044 g. Take and defend a position about a historical issue (for example, how changes in transportation have affected the United States economy)	☐ A	☐ B	☐ C	☐ D	☐ E

23. How much does each of the following statements describe you?

VH720606

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
VH720608 a. I want to learn as much as possible about United States history in my class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH720609 b. I want to master a lot of new United States history skills in my class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH720611 c. I want to become a better United States history student this year.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH720612 d. I want to understand as much as I can about United States history in my class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

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

VH718431

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
VH718432 a. Read books about history	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH718433 b. Watch movies, videos, or TV programs about history	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH718436 c. Do online research related to historical topics	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH718435 d. Talk to friends or family about historical topics	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

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

VH457791

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

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

2026 Operational Grade 4 Debrief Student

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

Appendix J1-16: Operational Grade 4 (Debrief)

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

VH333658

- ☐ Ⓐ No effort at all
- ☐ Ⓑ Very little effort
- ☐ Ⓒ Some effort
- ☐ Ⓓ Quite a bit of effort
- ☐ Ⓔ A lot of effort

2. How easy or difficult was it for you to complete this test with this device?

VR854449

- ☐ Ⓐ Extremely difficult
- ☐ Ⓑ Quite difficult
- ☐ Ⓒ Somewhat difficult
- ☐ Ⓓ Somewhat easy
- ☐ Ⓔ Quite easy
- ☐ Ⓕ Extremely easy

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

2026 Operational Grade 8 Debrief Student

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

Appendix J1-18: Operational Grade 8 (Debrief)

VH333658

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

VH260313

2. How easy or difficult was this test?

- ☐ Ⓐ Extremely difficult
- ☐ Ⓑ Quite difficult
- ☐ Ⓒ Somewhat difficult
- ☐ Ⓓ Somewhat easy
- ☐ Ⓔ Quite easy
- ☐ Ⓕ Extremely easy

VR854449

3. How easy or difficult was it for you to complete this test with this device?

- ☐ Ⓐ Extremely difficult
- ☐ Ⓑ Quite difficult
- ☐ Ⓒ Somewhat difficult
- ☐ Ⓓ Somewhat easy
- ☐ Ⓔ Quite easy
- ☐ Ⓕ Extremely easy

Appendix J1-19: Pilot Grade 4 (Core)

VR858698

3. What is your race and/or ethnicity?

Select one or more answer choices.

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

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

VH240186

- ☐ Few (0–10)
- ☐ Enough to fill one shelf (11–25)
- ☐ Enough to fill one bookcase (26–100)
- ☐ Enough to fill several bookcases (more than 100)

5. Do you have any of the following in your home?

VR190753

Select one answer choice on each row.

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

6. Do any of the following people live in your home?

VH271144

Select one answer choice on each row.

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

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

VH240190

- ☐ A None
- ☐ B 1 or 2 days
- ☐ C 3 or 4 days
- ☐ D 5 to 10 days
- ☐ E More than 10 days

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

VR586648

- ☐ A Yes
- ☐ B No

9. How much does each of the following statements describe you?

VH733149

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
VH733150 a. I like complex problems more than easy problems.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733151 b. I like activities that challenge my thinking abilities.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733155 c. I enjoy situations where I will have to think about something.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733154 d. I enjoy thinking about new solutions to problems.	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR586626

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
VR586627 a. Teachers care about students.	☐ A	☐ B	☐ C	☐ D
VR586628 b. Students feel comfortable talking with their teachers.	☐ A	☐ B	☐ C	☐ D
VR586630 c. Teachers expect students to do well.	☐ A	☐ B	☐ C	☐ D
VR586631 d. Teachers are available when students need them.	☐ A	☐ B	☐ C	☐ D
VR586633 e. Teachers try to understand students' problems.	☐ A	☐ B	☐ C	☐ D
VR586634 f. Teachers notice if students need help.	☐ A	☐ B	☐ C	☐ D
VR586636 g. Teachers treat all students respectfully.	☐ A	☐ B	☐ C	☐ D

Appendix J1-20: Pilot Grade 8 (Core)

VR858698

4. What is your race and/or ethnicity?

Select one or more answer choices.

- ☐ A American Indian or Alaska Native
- ☐ B Asian
- ☐ C Black or African American
- ☐ D Hispanic or Latino
- ☐ E Middle Eastern or North African
- ☐ F Native Hawaiian or Pacific Islander
- ☐ G White

VH240186

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

- ☐ A Few (0–10)
- ☐ B Enough to fill one shelf (11–25)
- ☐ C Enough to fill one bookcase (26–100)
- ☐ D Enough to fill several bookcases (more than 100)

VR190753

6. Do you have any of the following in your home?

Select one answer choice on each row.

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

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

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

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

Use the drop-down menus to show your answers.

Who is your Parent or Guardian A?

- ☐ A Mother
- ☐ B Father
- ☐ C Stepmother
- ☐ D Stepfather
- ☐ E Other relative
- ☐ F Foster mother or other female guardian
- ☐ G Foster father or other male guardian

Who is your Parent or Guardian B?

- ☐ A Mother
- ☐ B Father
- ☐ C Stepmother
- ☐ D Stepfather
- ☐ E Other relative
- ☐ F Foster mother or other female guardian
- ☐ G Foster father or other male guardian
- ☐ H I don't have a second parent or guardian.

8a. Parent or Guardian "A"

How far in school did your [Parent or Guardian "A"] go?

- ☐ Ⓐ Did not finish high school
- ☐ Ⓑ Graduated from high school
- ☐ Ⓒ Had some education after high school
- ☐ Ⓓ Graduated from college
- ☐ Ⓔ I don't know.

8b. Does your [Parent or Guardian "A"] work?

- ☐ Ⓐ Yes
- ☐ Ⓑ No
- ☐ Ⓒ I don't know.

9a. Parent or Guardian "B"

How far in school did your [Parent or Guardian "B"] go?

- ☐ Ⓐ Did not finish high school
- ☐ Ⓑ Graduated from high school
- ☐ Ⓒ Had some education after high school
- ☐ Ⓓ Graduated from college
- ☐ Ⓔ I don't know.

9b. Does your [Parent or Guardian "B"] work?

- ☐ Ⓐ Yes
- ☐ Ⓑ No
- ☐ Ⓒ I don't know.

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

- Ⓐ None
- Ⓑ 1 or 2 days
- Ⓒ 3 or 4 days
- Ⓓ 5 to 10 days
- Ⓔ More than 10 days

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

- Ⓐ Yes
- Ⓑ No

12. How often do you use the Internet for homework at home?

- Ⓐ Never
- Ⓑ About once or twice a month
- Ⓒ About once or twice a week
- Ⓓ Almost every day
- Ⓔ Every day

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

- Ⓐ Never or hardly ever
- Ⓑ Once every few weeks
- Ⓒ About once a week
- Ⓓ Two or three times a week
- Ⓔ Every day

14. How much does each of the following statements describe you?

VH733141

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
VH733142 a. I finish whatever I begin.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733143 b. I try very hard even after making mistakes.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733145 c. I keep working hard even when I feel like quitting.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733144 d. I keep trying to improve myself, even when it takes a long time to get there.	☐ A	☐ B	☐ C	☐ D	☐ E

15. How much does each of the following statements describe you?

VH733149

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
VH733150 a. I like complex problems more than easy problems.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733151 b. I like activities that challenge my thinking abilities.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733155 c. I enjoy situations where I will have to think about something.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733154 d. I enjoy thinking about new solutions to problems.	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR586626

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
VR586627 a. Teachers care about students.	☐ A	☐ B	☐ C	☐ D
VR586628 b. Students feel comfortable talking with their teachers.	☐ A	☐ B	☐ C	☐ D
VR586630 c. Teachers expect students to do well.	☐ A	☐ B	☐ C	☐ D
VR586631 d. Teachers are available when students need them.	☐ A	☐ B	☐ C	☐ D
VR586633 e. Teachers try to understand students' problems.	☐ A	☐ B	☐ C	☐ D
VR586634 f. Teachers notice if students need help.	☐ A	☐ B	☐ C	☐ D
VR586636 g. Teachers treat all students respectfully.	☐ A	☐ B	☐ C	☐ D

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

VR858698

4. What is your race and/or ethnicity?

Select **one or more** answer choices.

- ☐ A American Indian or Alaska Native
- ☐ B Asian
- ☐ C Black or African American
- ☐ D Hispanic or Latino
- ☐ E Middle Eastern or North African
- ☐ F Native Hawaiian or Pacific Islander
- ☐ G White

5. Do you have any of the following in your home?

VR835432

Select **one** answer choice on each row.

	Yes	No
a. Access to the Internet VR835435	☐ A	☐ B
b. Your own bedroom VR835440	☐ A	☐ B
c. A desktop or laptop computer (including Chromebooks) that you can use VR835441	☐ A	☐ B
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use VR835436	☐ A	☐ B
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use VR835437	☐ A	☐ B
f. Access to e-books (whether rented, purchased, or accessed through a subscription service) VR835446	☐ A	☐ B

6. How many digital devices with screens are there in your home? Count all devices, including televisions, computers, tablets, e-book readers, and smartphones.

VR835485

- ☐ A There are no digital devices with screens.
- ☐ B One
- ☐ C Two
- ☐ D Three
- ☐ E Four
- ☐ F Five
- ☐ G 6 to 10
- ☐ H More than 10

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

- ☐ A Few (0–10)
- ☐ B Enough to fill one shelf (11–25)
- ☐ C Enough to fill one bookcase (26–100)
- ☐ D Enough to fill several bookcases (more than 100)

VR797005

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

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

You may have one parent or guardian, or more than one. If you have more than two parents or guardians, answer the questions for the two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

Who is your **Parent or Guardian A**?

- ☐ A Mother
- ☐ B Father
- ☐ C Stepmother
- ☐ D Stepfather
- ☐ E Other relative
- ☐ F Foster mother or other female guardian
- ☐ G Foster father or other male guardian

Who is your **Parent or Guardian B**?

- ☐ A Mother
- ☐ B Father
- ☐ C Stepmother
- ☐ D Stepfather
- ☐ E Other relative
- ☐ F Foster mother or other female guardian
- ☐ G Foster father or other male guardian
- ☐ H I don't have a second parent or guardian.

9a. Parent or Guardian “A”

VR797006

How far in school did your [Parent or Guardian “A”] go?

- ☐ Ⓐ Did not finish high school
- ☐ Ⓑ Graduated from high school or obtained a diploma equivalent (for example, GED)
- ☐ Ⓒ Had some education after high school
- ☐ Ⓓ Graduated from college
- ☐ Ⓔ Obtained a graduate degree
- ☐ Ⓕ I don’t know.

9b. Does your [Parent or Guardian “A”] work?

- ☐ Ⓐ Yes
- ☐ Ⓑ No
- ☐ Ⓒ I don’t know.

10a. Parent or Guardian “B”

VR797007

How far in school did your [Parent or Guardian “B”] go?

- ☐ Ⓐ Did not finish high school
- ☐ Ⓑ Graduated from high school or obtained a diploma equivalent (for example, GED)
- ☐ Ⓒ Had some education after high school
- ☐ Ⓓ Graduated from college
- ☐ Ⓔ Obtained a graduate degree
- ☐ Ⓕ I don’t know.

10b. Does your [Parent or Guardian “B”] work?

- ☐ Ⓐ Yes
- ☐ Ⓑ No
- ☐ Ⓒ I don’t know.

11. Do any of the following people live in your home?

VR835487

Select **one** answer choice on each row.

	Yes, one	Yes, more than one	No
a. Mother VR835488	☐ A	☐ B	☐ C
b. Father VR835489	☐ A	☐ B	☐ C
c. Sibling or other child besides you VR835500	☐ A	☐ B	☐ C
d. Stepmother VR835491	☐ A	☐ B	☐ C
e. Stepfather VR835492	☐ A	☐ B	☐ C
f. Other relative VR835494	☐ A	☐ B	☐ C
g. Foster mother or other female guardian VR835497	☐ A	☐ B	☐ C
h. Foster father or other male guardian VR835498	☐ A	☐ B	☐ C
i. Other unrelated adult VR863649	☐ A	☐ B	☐ C

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

VH240189

- ☐ A Never or hardly ever
- ☐ B Once every few weeks
- ☐ C About once a week
- ☐ D Two or three times a week
- ☐ E Every day

13. How often do you use the Internet for homework at home?

VH354591

- ☐ A Never
- ☐ B About once or twice a month
- ☐ C About once or twice a week
- ☐ D Almost every day
- ☐ E Every day

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

- Ⓐ Not at all familiar
Ⓑ A little familiar
Ⓒ Somewhat familiar
Ⓓ Quite familiar
Ⓔ Extremely familiar

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

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
VR835545 a. Generating art	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835546 b. Editing writing	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835547 c. Reviewing spelling and grammar	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835548 d. Translating languages	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835549 e. Organizing schedules	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835550 f. Answering homework questions	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835551 g. Preparing for exams	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835552 h. Researching new topics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835553 i. Generating outlines for essays	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835554 j. Solving math problems	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835555 k. Other (Please specify): _____	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

16. During this school year, which of the following have you done?

VH740697

Select **one** answer choice on each row.

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

17. How much does each of the following statements describe you?

VR797016

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
VR799688 a. I believe I can control my own future.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799689 b. I try to do things that will help me get what I want in the future.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799690 c. I am working hard now to have a good future.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799692 d. I have a clear idea of what I want to do in the future.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799693 e. I feel pressure from my family to follow a specific path (for example, go to college, work in the family business, learn a trade) after high school.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799694 f. I worry that I am not prepared for life after high school.	☐ A	☐ B	☐ C	☐ D	☐ E

18. How much does each of the following statements describe you?

VH733141

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
VH733142 a. I finish whatever I begin.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733143 b. I try very hard even after making mistakes.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733145 c. I keep working hard even when I feel like quitting.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733144 d. I keep trying to improve myself, even when it takes a long time to get there.	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR858698

4. What is your race and/or ethnicity?

Select **one or more** answer choices.

- ☐ A American Indian or Alaska Native
- ☐ B Asian
- ☐ C Black or African American
- ☐ D Hispanic or Latino
- ☐ E Middle Eastern or North African
- ☐ F Native Hawaiian or Pacific Islander
- ☐ G White

5. Do you have any of the following in your home?

VR835432

Select **one** answer choice on each row.

	Yes	No
a. Access to the Internet VR835435	☐ A	☐ B
b. Your own bedroom VR835440	☐ A	☐ B
c. A desktop or laptop computer (including Chromebooks) that you can use VR835441	☐ A	☐ B
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use VR835436	☐ A	☐ B
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use VR835437	☐ A	☐ B
f. Access to e-books (whether rented, purchased, or accessed through a subscription service) VR835446	☐ A	☐ B

6. How many digital devices with screens are there in your home? Count all devices, including televisions, computers, tablets, e-book readers, and smartphones.

VR835485

- ☐ A There are no digital devices with screens.
- ☐ B One
- ☐ C Two
- ☐ D Three
- ☐ E Four
- ☐ F Five
- ☐ G 6 to 10
- ☐ H More than 10

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

- ☐ A Few (0–10)
- ☐ B Enough to fill one shelf (11–25)
- ☐ C Enough to fill one bookcase (26–100)
- ☐ D Enough to fill several bookcases (more than 100)

VR797005

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

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

You may have one parent or guardian, or more than one. If you have more than two parents or guardians, answer the questions for the two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

Who is your **Parent or Guardian A**?

- ☐ A Mother
- ☐ B Father
- ☐ C Stepmother
- ☐ D Stepfather
- ☐ E Other relative
- ☐ F Foster mother or other female guardian
- ☐ G Foster father or other male guardian

Who is your **Parent or Guardian B**?

- ☐ A Mother
- ☐ B Father
- ☐ C Stepmother
- ☐ D Stepfather
- ☐ E Other relative
- ☐ F Foster mother or other female guardian
- ☐ G Foster father or other male guardian
- ☐ H I don't have a second parent or guardian.

VR977803

9a. Parent or Guardian “A”

How far in school did your [Parent or Guardian “A”] go?

- ☐ Ⓐ Did not finish high school
- ☐ Ⓑ Graduated from high school
- ☐ Ⓒ Had some education after high school
- ☐ Ⓓ Graduated from college
- ☐ Ⓔ I don’t know.

VR6977803

9b. Does your [Parent or Guardian “A”] work?

- ☐ Ⓐ Yes
- ☐ Ⓑ No
- ☐ Ⓒ I don’t know.

VR977815

10a. Parent or Guardian “B”

How far in school did your [Parent or Guardian “B”] go?

- ☐ Ⓐ Did not finish high school
- ☐ Ⓑ Graduated from high school
- ☐ Ⓒ Had some education after high school
- ☐ Ⓓ Graduated from college
- ☐ Ⓔ I don’t know.

VR977815

10b. Does your [Parent or Guardian “B”] work?

- ☐ Ⓐ Yes
- ☐ Ⓑ No
- ☐ Ⓒ I don’t know.

11. Do any of the following people live in your home?

VR835487

Select **one** answer choice on each row.

	Yes, one	Yes, more than one	No
a. Mother VR835488	☐ A	☐ B	☐ C
b. Father VR835489	☐ A	☐ B	☐ C
c. Sibling or other child besides you VR835500	☐ A	☐ B	☐ C
d. Stepmother VR835491	☐ A	☐ B	☐ C
e. Stepfather VR835492	☐ A	☐ B	☐ C
f. Other relative VR835494	☐ A	☐ B	☐ C
g. Foster mother or other female guardian VR835497	☐ A	☐ B	☐ C
h. Foster father or other male guardian VR835498	☐ A	☐ B	☐ C
i. Other unrelated adult VR863649	☐ A	☐ B	☐ C

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

VH240189

- ☐ A Never or hardly ever
- ☐ B Once every few weeks
- ☐ C About once a week
- ☐ D Two or three times a week
- ☐ E Every day

13. Where did you attend each of the following grades?

VR835530

Select **one** answer choice on each row.

	At my current school	At a different school	Part of the year at my current school and part at a different school
a. Grade 9 VR835531	☐ A	☐ B	☐ C
b. Grade 10 VR835532	☐ A	☐ B	☐ C
c. Grade 11 VR835533	☐ A	☐ B	☐ C

VR835540

14. When did you start attending your current school?

- ☐ A During the previous school year
- ☐ B At the start of this school year
- ☐ C After the start of this school year

VH240190

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

- ☐ A None
- ☐ B 1 or 2 days
- ☐ C 3 or 4 days
- ☐ D 5 to 10 days
- ☐ E More than 10 days

VH271934

16. 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
VH271942 a. I felt awkward and out of place at school.	☐ A	☐ B	☐ C	☐ D	☐ E
VH271944 b. I felt happy at school.	☐ A	☐ B	☐ C	☐ D	☐ E
VH336903 c. I felt that I learned something that I can use in my daily life.	☐ A	☐ B	☐ C	☐ D	☐ E

VH852900

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

- ☐ A Yes
- ☐ B No

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

VR797012

Select **one** answer choice on each row.

	Not at all like the teachers at my school	A little bit like the teachers at my school	Somewhat like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school
VR799681 a. Teachers care about students.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799682 b. Students feel comfortable talking with their teachers.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799683 c. Teachers expect students to do well.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799684 d. Teachers are available when students need them.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799685 e. Teachers try to understand students' problems.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799686 f. Teachers notice if students need help.	☐ A	☐ B	☐ C	☐ D	☐ E
VR799687 g. Teachers treat all students respectfully.	☐ A	☐ B	☐ C	☐ D	☐ E

19. How much does each of the following statements describe you?

VH733149

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
VH733150 a. I like complex problems more than easy problems.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733151 b. I like activities that challenge my thinking abilities.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733155 c. I enjoy situations where I will have to think about something.	☐ A	☐ B	☐ C	☐ D	☐ E
VH733154 d. I enjoy thinking about new solutions to problems.	☐ A	☐ B	☐ C	☐ D	☐ E

Appendix J1-23: Pilot Grade 4 (Mathematics)

11. In your math class this year, how often have you explained in your own words your solution to a math problem?

VR590413

- ☐ A Never
- ☐ B In some of the lessons
- ☐ C In about half of the lessons
- ☐ D In more than half of the lessons
- ☐ E In all or almost all of the lessons

12. This school year, how often did the following things happen in your math class?

VH267415

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
VH588077 a. My teacher used computers or other digital devices when teaching math to my class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	☐ A	☐ B	☐ C	☐ D	☐ E

13. How often do you use a calculator?

VH336231

- ☐ A Never
- ☐ B About once or twice a year
- ☐ C About once or twice a month
- ☐ D About once or twice a week
- ☐ E Every day or almost every day

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

VH268936

- ☐ A Never
- ☐ B About once or twice a year
- ☐ C About once or twice a month
- ☐ D About once or twice a week
- ☐ E Every day or almost every day

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

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

VR590288

16. Outside of school, how often did you do each of these activities in the last month?

Select one answer choice on each row.

	Never	Once	Two or three times	Four or more times
VR590292 a. Figure out how long you can still play if you have to stop at a given time	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590293 b. Determine if you have enough money to pay for something (for example, a gift for a friend or a book at a school book fair)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590302 c. Compare two amounts of something to determine which one is greater	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590310 d. Figure out how many more pages you still have to read to finish a story or a chapter	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ

VR590192

17. Thinking about math, do you think that you would be able to do each of the following?

Do not actually solve the problems.

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH858273 a. Estimate the weight of 5 apples using pounds (lb)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH617317 b. Divide 42 stickers among 6 students	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH267682 c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH267683 d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

18. How much does each of the following statements describe you?

VH844769

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
VH844770 a. I enjoy doing math.	☐	☐	☐	☐	☐
VH844771 b. I look forward to my math class.	☐	☐	☐	☐	☐
VH844775 c. I am interested in the things I learn in math.	☐	☐	☐	☐	☐
VH844772 d. I think making an effort in math is worthwhile.	☐	☐	☐	☐	☐
VH844777 e. I think math will help me even when I am not in school.	☐	☐	☐	☐	☐
VH844774 f. I think it is important to do well in math.	☐	☐	☐	☐	☐

19. How much does each of the following statements describe you?

VH845110

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
VH845117 a. I want to learn as much as possible in my math class.	☐	☐	☐	☐	☐
VH845114 b. I want to master a lot of new skills in my math class.	☐	☐	☐	☐	☐
VH845115 c. I want to become better in math this year.	☐	☐	☐	☐	☐
VH845118 d. I want to understand as much as I can in my math class.	☐	☐	☐	☐	☐

Appendix J1-24: Pilot Grade 8 (Mathematics)

VR600417

17. What math classes are you taking this year?

Select **one or more** answer choices.

- ☐ Ⓐ Eighth-grade math
- ☐ Ⓑ Introduction to algebra or pre-algebra
- ☐ Ⓒ Algebra I
- ☐ Ⓓ Geometry
- ☐ Ⓔ Algebra II
- ☐ Ⓕ Other math class (Please specify): _____

VR600420

18. What math classes do you expect to take next year?

Select **one or more** answer choices.

- ☐ Ⓐ Basic or general math
- ☐ Ⓑ Introduction to algebra or pre-algebra
- ☐ Ⓒ Algebra I
- ☐ Ⓓ Geometry
- ☐ Ⓔ Algebra II
- ☐ Ⓕ Integrated math
- ☐ Ⓖ Other math class (Please specify): _____
- ☐ Ⓗ I don't know.

VH336231

19. How often do you use a calculator?

- ☐ Ⓐ 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

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

VH266808

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
VH266809 a. Basic calculator	☐ A	☐ B	☐ C	☐ D	☐ E
VR191495 b. Scientific (not graphing) calculator	☐ A	☐ B	☐ C	☐ D	☐ E
VH266810 c. Graphing calculator	☐ A	☐ B	☐ C	☐ D	☐ E

21. This school year, how often did the following things happen in your math class?

VH267415

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
VH588077 a. My teacher used computers or other digital devices when teaching math to my class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	☐ A	☐ B	☐ C	☐ D	☐ E

22. In your math lessons this year, how often do you do these things?

VR590395

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
VR590397 a. Use an equation or a graph to justify your answer	☐ A	☐ B	☐ C	☐ D	☐ E
VR590398 b. Evaluate whether an equation or graph supports an answer	☐ A	☐ B	☐ C	☐ D	☐ E
VR590396 c. Use an equation or a graph to help you choose which of two statements is true	☐ A	☐ B	☐ C	☐ D	☐ E
VR590400 d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	☐ A	☐ B	☐ C	☐ D	☐ E
VR590402 e. Adapt your ideas about how to solve a math problem based on another student's ideas	☐ A	☐ B	☐ C	☐ D	☐ E

23. 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
- ☐ Ⓔ In all or almost all of the lessons

24. How often do you use math in everyday life outside of 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

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

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

26. Outside of school, how often did you do each of these activities in the last month?

Select one answer choice on each row.

	Never	Once	Two or three times	Four or more times
VR590329 a. Use math in a conversation with a friend	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590332 b. Make a decision based on the probability that something will occur	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590335 c. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ
VR590337 d. Estimate how long you have to wait for something (for example, the end of a game)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ

27. How much does each of the following statements describe you?

VH844769

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
VH844770 a. I enjoy doing math.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844771 b. I look forward to my math class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844775 c. I am interested in the things I learn in math.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844772 d. I think making an effort in math is worthwhile.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844777 e. I think math will help me even when I am not in school.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844774 f. I think it is important to do well in math.	☐ A	☐ B	☐ C	☐ D	☐ E

28. How much does each of the following statements describe you?

VH845110

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
VH845117 a. I want to learn as much as possible in my math class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH845114 b. I want to master a lot of new skills in my math class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH845115 c. I want to become better in math this year.	☐ A	☐ B	☐ C	☐ D	☐ E
VH845118 d. I want to understand as much as I can in my math class.	☐ A	☐ B	☐ C	☐ D	☐ E

29. How much do you like doing the following activities?

VR600400

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
VR589847 a. Doing math with another student	☐ A	☐ B	☐ C	☐ D	☐ E
VR589850 b. Deciding if a mathematical conclusion is true or false	☐ A	☐ B	☐ C	☐ D	☐ E
VR589853 c. Showing why an answer is correct, using an equation, graph, or table	☐ A	☐ B	☐ C	☐ D	☐ E
VR589857 d. Finding multiple ways to solve a math problem	☐ A	☐ B	☐ C	☐ D	☐ E
VR589840 e. Using graphs or geometric figures to solve a math problem	☐ A	☐ B	☐ C	☐ D	☐ E

30. How much do you like doing the following activities?

VR589836

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
VR589841 a. Using words or an equation to write the rule for a number pattern	☐ A	☐ B	☐ C	☐ D	☐ E
VR589842 b. Finding similarities among different examples of mathematical ideas	☐ A	☐ B	☐ C	☐ D	☐ E
VR589843 c. Checking the solution to a math problem to see if it makes sense in real life	☐ A	☐ B	☐ C	☐ D	☐ E
VR589844 d. Using math to solve problems from the real world	☐ A	☐ B	☐ C	☐ D	☐ E
VR589845 e. Translating the solution to a word problem back to the real-life situation it came from	☐ A	☐ B	☐ C	☐ D	☐ E
VR589846 f. Applying results from one math problem to other problems or situations	☐ A	☐ B	☐ C	☐ D	☐ E

31. Thinking about math, do you think that you would be able to do each of the following?

VR590192

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
VR731432 a. List all of the different possible outcomes when a coin is flipped three times	☐ A	☐ B	☐ C	☐ D	☐ E
VR590202 b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks	☐ A	☐ B	☐ C	☐ D	☐ E
VR731433 c. Determine a 20% tip for a \$55 restaurant dinner bill	☐ A	☐ B	☐ C	☐ D	☐ E
VH267682 d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	☐ A	☐ B	☐ C	☐ D	☐ E
VR731434 e. Give an example to show that a math statement is false	☐ A	☐ B	☐ C	☐ D	☐ E
VR731435 f. Explain to your classmate how you solved a math problem	☐ A	☐ B	☐ C	☐ D	☐ E
VR731436 g. Use correct mathematical words and symbols when showing your work	☐ A	☐ B	☐ C	☐ D	☐ E

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

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

VR802309

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 am taking or have taken this course in Grade 12.
VR802326 a. Basic or general mathematics course	☐	☐	☐	☐	☐	☐
VR802327 b. Tech-prep mathematics, business mathematics, consumer mathematics, or other applied mathematics course	☐	☐	☐	☐	☐	☐
VR802328 c. Introduction to algebra or pre-algebra course	☐	☐	☐	☐	☐	☐
VR802329 d. Algebra I course	☐	☐	☐	☐	☐	☐
VR802330 e. Geometry course, with or without trigonometry	☐	☐	☐	☐	☐	☐
VR802331 f. Algebra II course, with or without trigonometry	☐	☐	☐	☐	☐	☐
VR802332 g. Trigonometry (as a separate course)	☐	☐	☐	☐	☐	☐
VR802333 h. Pre-calculus course (also called introductory analysis)	☐	☐	☐	☐	☐	☐
VR802339 i. Calculus course	☐	☐	☐	☐	☐	☐
VR802338 j. Probability and/or statistics course	☐	☐	☐	☐	☐	☐
VR835677 k. Integrated mathematics course	☐	☐	☐	☐	☐	☐

	I have never taken this course.	I took this course in or before Grade 8.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I am taking or have taken this course in Grade 12.
VR802340 l. Computer programming course (for example, Java, Python, etc.)	☐	☐	☐	☐	☐	☐
VR835679 m. Computer science course	☐	☐	☐	☐	☐	☐
VR802341 n. Data science course	☐	☐	☐	☐	☐	☐
VR835681 o. Other mathematics course (Please specify): _____	☐	☐	☐	☐	☐	☐

20. Are you currently enrolled in or have you taken any Advanced Placement[®] (AP) course in mathematics or computer science?

- ☐ A Yes
☐ B No

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

Select **one or more** answer choices.

- ☐ A AP Precalculus
☐ B AP Calculus AB
☐ C AP Calculus BC
☐ D AP Statistics
☐ E AP Computer Science Principles
☐ F AP Computer Science A
☐ G Other AP course in mathematics or computer science (Please specify): _____
☐ H No, I have not taken any of the courses listed above.

22. Are you currently taking a mathematics course?

- ☐ A Yes
☐ B No

23. 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
VH588077 a. My teacher used computers or other digital devices when teaching math to my class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR802385

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
VR802386 a. Basic calculator	☐	☐	☐	☐	☐
VR802387 b. Scientific (not graphing) calculator	☐	☐	☐	☐	☐
VR802388 c. Graphing calculator	☐	☐	☐	☐	☐

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

VR835874

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
VR835875 a. A handheld graphing calculator without a computer algebra system (non-CAS, for example, TI-84)	☐	☐	☐	☐	☐
VR835876 b. A handheld graphing calculator with a computer algebra system (CAS, for example, TI Nspire CAS, HP Prime)	☐	☐	☐	☐	☐
VR835877 c. An online graphing calculator (for example, Desmos, GeoGebra)	☐	☐	☐	☐	☐
VR835878 d. A graphing calculator in a smartphone calculator app	☐	☐	☐	☐	☐

26. In your math class this year, how often do you do the following?

VR802314

Select **one** answer choice on each row.

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

27. In this school year, how often have you used a computer or other digital device (excluding handheld calculators) to look online for resources for help with your math assignments?

- ☐ Ⓐ 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

28. How often do you use math in everyday life **outside of 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

29. How often do you do each of the following activities **outside of school**?

Select **one** answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VR802365 a. Talk about math problems with your friends	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR802366 b. Write code	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR836012 c. Program computers	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR802367 d. Create programs for devices or applications (for example, 3-D printers, robots, mazes, or games)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR836004 e. Go to websites for help with your math homework	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

30. How much do you enjoy doing the following activities?

VR802316

Select **one** answer choice on each row.

	Do not enjoy at all	Enjoy a little bit	Enjoy somewhat	Enjoy quite a bit	Enjoy a lot
VR835900 a. Solving equations or simplifying expressions	☐	☐	☐	☐	☐
VR835901 b. Constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)	☐	☐	☐	☐	☐
VR802355 c. Doing math with another student	☐	☐	☐	☐	☐
VR802356 d. Explaining why you agree with how another student solved a math problem	☐	☐	☐	☐	☐
VR802361 e. Showing why an answer is correct, using an equation, graph, or table	☐	☐	☐	☐	☐
VR802362 f. Using math to solve problems from the real world	☐	☐	☐	☐	☐
VR802363 g. Finding multiple ways to solve a math problem	☐	☐	☐	☐	☐
VR802364 h. Learning math online	☐	☐	☐	☐	☐

31. Outside of school, how often did you do each of these activities this school year?

VR802319

Select one answer choice on each row.

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

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

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

VR835727

Select **one** answer choice on each row.

	I have never taken this course.	I took this course in Grade 8 or before.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I am taking or have taken this course in Grade 12.
VR835728 a. Basic or general mathematics	☐	☐	☐	☐	☐	☐
VR835730 b. Introduction to algebra or pre-algebra	☐	☐	☐	☐	☐	☐
VR835731 c. Algebra I	☐	☐	☐	☐	☐	☐
VR835732 d. Geometry, with or without trigonometry	☐	☐	☐	☐	☐	☐
VR835733 e. Algebra II, with or without trigonometry	☐	☐	☐	☐	☐	☐
VR835734 f. Trigonometry (as a separate course)	☐	☐	☐	☐	☐	☐
VR835735 g. Pre-calculus (also called introductory analysis)	☐	☐	☐	☐	☐	☐
VR835741 h. Calculus	☐	☐	☐	☐	☐	☐
VR835740 i. Probability and/or statistics	☐	☐	☐	☐	☐	☐
VR835742 j. Computer programming (for example, Java, Python, etc.)	☐	☐	☐	☐	☐	☐
VR835745 k. Computer science	☐	☐	☐	☐	☐	☐
VR835743 l. Data science	☐	☐	☐	☐	☐	☐
VR835746 m. Business mathematics, consumer mathematics, or other applied mathematics	☐	☐	☐	☐	☐	☐
VR835729 n. Other mathematics course (Please specify): _____	☐	☐	☐	☐	☐	☐

21. Have you ever taken an **Integrated Mathematics** course? Integrated Mathematics courses typically combine algebra and geometry in a sequence extending several years instead of offering each of those courses separately.

VR837160

- ☐ A Yes
☐ B No

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

VR837162

Select **one** answer choice on each row.

	I have never taken this course.	I took this course in Grade 8 or before.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I am taking or have taken this course in Grade 12.
VR837163 a. Integrated Mathematics 1 (first year of a multi-year sequence)	☐ A	☐ B	☐ C	☐ D	☐ E	☐ F
VR837164 b. Integrated Mathematics 2 (second year of a multi-year sequence)	☐ A	☐ B	☐ C	☐ D	☐ E	☐ F
VR837165 c. Integrated Mathematics 3 (third year of a multi-year sequence)	☐ A	☐ B	☐ C	☐ D	☐ E	☐ F
VR837166 d. Integrated Mathematics 4 (fourth year of a multi-year sequence)	☐ A	☐ B	☐ C	☐ D	☐ E	☐ F

VR802845

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

Select **one or more** answer choices.

- ☐ A Yes, I am enrolled in or have taken Advanced Placement (AP) Precalculus.
☐ B Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus AB.
☐ C Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus BC.
☐ D Yes, I am enrolled in or have taken Advanced Placement (AP) Statistics.
☐ E Yes, I am enrolled in or have taken Advanced Placement (AP) Computer Science Principles.
☐ F Yes, I am enrolled in or have taken Advanced Placement (AP) Computer Science A.
☐ G Yes, I am enrolled in or have taken other Advanced Placement (AP) courses in mathematics or computer science (Please specify): _____
☐ H No, I have not taken any of the courses listed above.

24. Are you currently enrolled in or have you taken an International Baccalaureate® (IB) mathematics course?

- ☐ A Yes
- ☐ B No

25. Are you currently enrolled in or have you taken any **online** mathematics courses for **high school or college credit**?

- ☐ A Yes
- ☐ B No

26. Are you currently enrolled in or have you previously taken a mathematics course for **both** high school and college credit, sometimes called a dual enrollment course?

- ☐ A Yes, online
- ☐ B Yes, in person
- ☐ C Yes, online and in person
- ☐ D No

27. Was there a mathematics course that you would have liked to have taken this school year but did not take?

- ☐ A Yes, but my school does not offer the course.
- ☐ B Yes, but the course was full.
- ☐ C Yes, but I did not have the necessary prerequisites.
- ☐ D Yes, but my schedule was full.
- ☐ E No, there was no other course that I wanted to take.

28. Are you currently taking a mathematics course?

- ☐ A Yes
- ☐ B No

29. In your math class this year, how often have you explained in your own words your solution to a math problem?

- Ⓐ 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

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

VR969056

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 VR969057	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
b. Scientific (not graphing) calculator VR969059	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
c. Graphing calculator VR969058	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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

VR835874

Select **one** answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
a. A handheld graphing calculator without a computer algebra system (non-CAS, for example, TI-84) VR835875	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
b. A handheld graphing calculator with a computer algebra system (CAS, for example, TI Nspire CAS, HP Prime) VR835876	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
c. An online graphing calculator (for example, Desmos, GeoGebra) VR835877	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
d. A graphing calculator in a smartphone calculator app VR835878	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

32. How often do you receive help or tutoring for math **outside of your math class**?

- ☐ Ⓐ 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

33. Who provides the help or tutoring for math that you receive outside of your math class?

Select **one or more** answer choices.

- ☐ Ⓐ A math teacher or specialist at my school, in person or virtually
- ☐ Ⓑ A human tutor, in person or virtually
- ☐ Ⓒ A family member or friend, in person or virtually
- ☐ Ⓓ Online videos
- ☐ Ⓔ An AI tool (for example, a chatbot)
- ☐ Ⓕ Other (Please specify): _____

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
VH845117 a. I want to learn as much as possible in my math class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH845114 b. I want to master a lot of new skills in my math class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH845115 c. I want to become better in math this year.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH845118 d. I want to understand as much as I can in my math class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

VR835907

35. How much do you enjoy solving equations or simplifying expressions?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

VR835908

36. How much do you enjoy constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

VR835909

37. How much do you enjoy doing math with another student?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

VR835910

38. How much do you enjoy explaining why you agree with how another student solved a math problem?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

39. How much do you enjoy showing why an answer is correct, using an equation, graph, or table?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

40. How much do you enjoy using math to solve problems from the real world?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

41. How much do you enjoy finding multiple ways to solve a math problem?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

42. How much do you enjoy learning math online?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

43. How much does each of the following statements describe you?

VH731852

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
VH731853 a. I enjoy doing math.	☐ A	☐ B	☐ C	☐ D	☐ E
VH731854 b. I look forward to my math class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH731858 c. I am interested in the things I learn in math.	☐ A	☐ B	☐ C	☐ D	☐ E
VH731855 d. I think making an effort in math is worthwhile.	☐ A	☐ B	☐ C	☐ D	☐ E
VH731860 e. I think math will help me even when I am not in school.	☐ A	☐ B	☐ C	☐ D	☐ E
VH731857 f. I think it is important to do well in math.	☐ A	☐ B	☐ C	☐ D	☐ E
VH731859 g. I take mathematics because it will help me in the future.	☐ A	☐ B	☐ C	☐ D	☐ E
VH731856 h. I take mathematics to meet my high school graduation requirements.	☐ A	☐ B	☐ C	☐ D	☐ E

44. Thinking about math, do you think that you would be able to do each of the following?

VH613523

Select **one** answer choice on each row.

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

45. Thinking about math, do you think that you would be able to do each of the following?
Do not actually solve the problems.
Select **one** answer choice on each row.

VR835892

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VR802352 a. Find an expression that represents the average number of miles a person runs in a week if they run 100 miles in x weeks	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR835891 b. Calculate a 15% tip for a \$20 haircut	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR802354 c. Describe the properties shared by every isosceles right triangle	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR835898 d. Determine the total amount you have if \$100 is saved for 5 years at an interest rate of 5% compounded annually	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR835899 e. Find how long it takes for a ball that is thrown straight up from the ground with a velocity of 10 m/s to reach the ground again	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

46. How often do you play digital games (for example, apps, video games, or computer games) **outside of school** that involve math?

VH460329

- ☐ Ⓐ 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

47. Have you ever participated in a math study group **outside of school**?

VH460923

- ☐ Ⓐ Yes
- ☐ Ⓑ No

48. Over the past seven days, how many days have you participated in a math study group **outside of school**?

VH460925

Enter the number of days.

Appendix J1-27: Pilot Grade 4 (Reading)

11. Think about the last topic that you read about on this test. How interested were you in the topic?

VR591075

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much
- ☐ Ⓕ I don't remember.

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

VR590942

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VR590947 a. Read the text again when you don't understand something	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590951 b. Look at the text to help you answer questions	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590946 c. Think about what you already know about the topic	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590948 d. Have your own opinions about the text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590950 e. Use other words to figure out the meaning of a word	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

13. How often does your teacher ask you to discuss new or difficult vocabulary?

VH332853

- ☐ Ⓐ 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

14. For school this year, how often do you work in pairs or small groups to talk about something that you have read?

VH332862

- ☐ Ⓐ 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

VH332871

15. For school this year, how often do you have a class discussion about something that the class has read?

- ☐ Ⓐ 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

VH588774

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

- ☐ Ⓐ Never
- ☐ Ⓑ Once
- ☐ Ⓒ Two or three times
- ☐ Ⓓ Four or five times
- ☐ Ⓔ More than five times

VR591015

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

- ☐ Ⓐ Yes
- ☐ Ⓑ No

18. How much time do you usually spend reading for fun outside of school?

VR591010

- ☐ Ⓐ Less than 15 minutes a day
- ☐ Ⓑ 15 to 30 minutes a day
- ☐ Ⓒ 31 minutes to 1 hour a day
- ☐ Ⓓ More than 1 hour a day
- ☐ Ⓔ I don't read for fun.

19. In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)?

VH853176

- ☐ Ⓐ 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

20. Are you able to get reading materials outside of school?

VR591084

- ☐ Ⓐ Yes
- ☐ Ⓑ No

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

VH332820

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

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

VH260847

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH260848 a. Figure out the meaning of a word you don't know by using other words in the text	☐ A	☐ B	☐ C	☐ D	☐ E
VH260849 b. Explain the meaning of something you have read	☐ A	☐ B	☐ C	☐ D	☐ E
VH260851 c. Figure out the main idea of a text	☐ A	☐ B	☐ C	☐ D	☐ E
VH260859 d. Find text in a reading passage to help you answer a question on a test	☐ A	☐ B	☐ C	☐ D	☐ E
VH260861 e. Recognize when you don't understand something you are reading	☐ A	☐ B	☐ C	☐ D	☐ E
VH260863 f. Recognize the difference between fact and opinion in a text	☐ A	☐ B	☐ C	☐ D	☐ E

23. How much does each of the following statements describe you?

VH844081

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
VH844096 a. I want to learn as much as possible in my English/language arts class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844097 b. I want to become a better reader this year.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844098 c. I want to understand as much as I can in my English/language arts class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844100 d. I want to master a lot of new English/language arts skills in my class.	☐ A	☐ B	☐ C	☐ D	☐ E

24. How much does each of the following statements describe you?

VH844168

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
VH844169 a. Reading is one of my favorite activities.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844172 b. I think reading is important.	☐ A	☐ B	☐ C	☐ D	☐ E

Appendix J1-28: Pilot Grade 8 (Reading)

VR590984

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

- ☐ A Not at all
- ☐ B A little bit
- ☐ C Somewhat
- ☐ D Quite a bit
- ☐ E Very much
- ☐ F I don't remember.

VR591075

18. Think about the last topic that you read about on this test. How interested were you in the topic?

- ☐ A Not at all
- ☐ B A little bit
- ☐ C Somewhat
- ☐ D Quite a bit
- ☐ E Very much
- ☐ F I don't remember.

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

VH332887

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
VH332888 a. Have a class discussion about something that the whole class has read	☐ A	☐ B	☐ C	☐ D	☐ E
VH332889 b. Work in pairs or small groups to talk about something that you have read	☐ A	☐ B	☐ C	☐ D	☐ E

VH588774

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

- ☐ A Never
- ☐ B Once
- ☐ C Two or three times
- ☐ D Four or five times
- ☐ E More than five times

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

VH260254

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VH260256 a. Evaluate the main evidence in a persuasive/argument passage	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH333142 b. Analyze the author's organization of information in a passage	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

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

VR590942

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VR590947 a. Read the text again when you don't understand something	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590951 b. Look at the text to help you answer questions	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590946 c. Think about what you already know about the topic	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590948 d. Have your own opinions about the text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VR590950 e. Use other words to figure out the meaning of a word	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

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

VH333074

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VH333075 a. Summarize the passage	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH333076 b. Interpret the meaning of the passage	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH333079 c. Question the motives or feelings of the characters	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH333078 d. Identify the main ideas of the passage	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH333094 e. Identify the themes of the passage	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

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

VR591015

- ☐ Ⓐ Yes
☐ Ⓑ No

VR591010

25. How much time do you usually spend reading for fun outside of school?

- ☐ Ⓐ Less than 15 minutes a day
- ☐ Ⓑ 15 to 30 minutes a day
- ☐ Ⓒ 31 minutes to 1 hour a day
- ☐ Ⓓ More than 1 hour a day
- ☐ Ⓔ I don't read for fun.

VH853176

26. In this school year, how often do you borrow reading materials (such as books or magazines) from your school (for example, a classroom library, school library, or media center)?

- ☐ Ⓐ 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

VR591062

27. Do you prefer to read texts on paper (printed texts) or on a screen (digital texts) when reading for fun?

- ☐ Ⓐ Print
- ☐ Ⓑ Digital
- ☐ Ⓒ I don't have a preference.
- ☐ Ⓓ I don't read for fun.

VR591084

28. Are you able to get reading materials outside of school?

- ☐ Ⓐ Yes
- ☐ Ⓑ No

VH261065

29. How often do you typically read each of the following outside of school (print or online)?

Select one answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH261066 a. Stories or novels	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH261074 b. E-mails	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH261075 c. Text messages	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

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

- ☐ Ⓐ Never
- ☐ Ⓑ About once or twice a year
- ☐ Ⓒ About once or twice a month
- ☐ Ⓓ About once or twice a week
- ☐ Ⓔ Every day or almost every day

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

VH260847

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH260848 a. Figure out the meaning of a word you don't know by using other words in the text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260849 b. Explain the meaning of something you have read	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260851 c. Figure out the main idea of a text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260859 d. Find text in a reading passage to help you answer a question on a test	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260861 e. Recognize when you don't understand something you are reading	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260863 f. Recognize the difference between fact and opinion in a text	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH260857 g. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH616841 h. Use evidence from a text to support my answer	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

32. How much does each of the following statements describe you?

VH844081

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
VH844096 a. I want to learn as much as possible in my English/language arts class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH844097 b. I want to become a better reader this year.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH844098 c. I want to understand as much as I can in my English/language arts class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ
VH844100 d. I want to master a lot of new English/language arts skills in my class.	☐ Ⓐ	☐ Ⓑ	☐ Ⓒ	☐ Ⓓ	☐ Ⓔ

33. How much does each of the following statements describe you?

VH844168

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
VH844169 a. Reading is one of my favorite activities.	☐	☐	☐	☐	☐
VH844170 b. I like talking about books with other people.	☐	☐	☐	☐	☐
VH844172 c. I think reading is important.	☐	☐	☐	☐	☐
VH844171 d. I enjoy going to a bookstore or a library.	☐	☐	☐	☐	☐
VH853415 e. I enjoy finding things to read online.	☐	☐	☐	☐	☐

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

VR796723

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

Ⓐ Not at all familiar
 Ⓑ A little familiar
 Ⓒ Somewhat familiar
 Ⓓ Quite familiar
 Ⓔ Very familiar
 Ⓕ I don't remember.

VR796731

20. Think about the last topic that you read about on this test. How **interested** were you in what you read about?

Ⓐ Not at all interested
 Ⓑ A little interested
 Ⓒ Somewhat interested
 Ⓓ Quite interested
 Ⓔ Very interested
 Ⓕ I don't remember.

VR834997

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

Select **one** answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VR835003 a. Connect what you read to your personal experiences	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR798783 b. Think about what you already know about the topic	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR798784 c. Ask yourself questions about the text before you read	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835005 d. Evaluate an author's purpose or intentions in writing the text	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835007 e. Analyze the author's craft	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835004 f. Use what you read to help you in new situations outside of class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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

VR835014

Select **one** answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VR835021 a. Read the text again when you don't understand something	☐ A	☐ B	☐ C	☐ D	☐ E
VR835022 b. Look at the text to help you answer questions	☐ A	☐ B	☐ C	☐ D	☐ E
VR835023 c. Highlight or underline text	☐ A	☐ B	☐ C	☐ D	☐ E
VR798790 d. Take notes	☐ A	☐ B	☐ C	☐ D	☐ E
VR798787 e. Locate information in the text to support an answer	☐ A	☐ B	☐ C	☐ D	☐ E
VR835024 f. Compare two or more sources (for example, texts, videos, infographics)	☐ A	☐ B	☐ C	☐ D	☐ E
VR835025 g. Evaluate the evidence the author uses to support their claims	☐ A	☐ B	☐ C	☐ D	☐ E
VR835026 h. Evaluate how well the text is written (for example, vocabulary choices, sentence structure)	☐ A	☐ B	☐ C	☐ D	☐ E
VR798791 i. Use things like pictures, videos, or links in the text to help you understand the text	☐ A	☐ B	☐ C	☐ D	☐ E
VR798792 j. Use information from the text to write something new	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH332887

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
VH332888 a. Have a class discussion about something that the whole class has read	☐ A	☐ B	☐ C	☐ D	☐ E
VH652035 b. Work in pairs or small groups to talk about something that we have read	☐ A	☐ B	☐ C	☐ D	☐ E
VH652037 c. Discuss different interpretations of what we have read	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH731527

Select **one** answer choice on each row.

	Never	Once	2 or 3 times	4 or 5 times	6 or more times
VH731530 a. Made a presentation to the class about something that you have read	☐ A	☐ B	☐ C	☐ D	☐ E
VH731529 b. Done a project about something that you have read (for example, written a play, created a website)	☐ A	☐ B	☐ C	☐ D	☐ E
VR968978 c. Written a paper or essay about something that you have read	☐ A	☐ B	☐ C	☐ D	☐ E

25. On a typical school day, how much time do you use a computer or other digital device to do your **English/language arts** schoolwork?

VH598636

- ☐ A Less than 30 minutes
- ☐ B About 30 minutes
- ☐ C About 1 hour
- ☐ D About 2 hours
- ☐ E About 3 hours
- ☐ F 4 or more hours

26. How often do you typically read each of the following types of texts for enjoyment?

VR835088

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
VR835089 a. Literature (for example, stories or novels, poems, plays, graphic novels)	☐ A	☐ B	☐ C	☐ D	☐ E
VR835090 b. Science-related texts (for example, scientific articles or science websites, blogs, raw data, journals, handbooks, social media)	☐ A	☐ B	☐ C	☐ D	☐ E
VR835091 c. Social studies-related texts (for example, newspaper articles, biographies, speeches, diaries, social media)	☐ A	☐ B	☐ C	☐ D	☐ E

27. How often do you use the following when reading for enjoyment **outside of school**?

VR796728

Select **one** answer choice on each row.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day
VR798796 a. Texts on paper (for example, printed books, magazines)	☐ A	☐ B	☐ C	☐ D	☐ E
VR798797 b. A desktop or laptop computer (including Chromebooks)	☐ A	☐ B	☐ C	☐ D	☐ E
VR798798 c. A tablet (for example, Surface Pro, iPad)	☐ A	☐ B	☐ C	☐ D	☐ E
VR798799 d. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel)	☐ A	☐ B	☐ C	☐ D	☐ E

28. How often do you typically do each of the following things **outside of school**?

VH260906

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
VH260907 a. Talk about books (print or online) with other people	☐ A	☐ B	☐ C	☐ D	☐ E
VH260911 b. Go to my local library to borrow books (print or online)	☐ A	☐ B	☐ C	☐ D	☐ E
VR958648 c. Use social media	☐ A	☐ B	☐ C	☐ D	☐ E
VR963901 d. Help friends with homework for English/language arts class	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR796734

- ☐ A Never
- ☐ B About once or twice a year
- ☐ C About once or twice a month
- ☐ D About once or twice a week
- ☐ E Every day or almost every day

30. How often do you typically do each of the following **outside of school**?

VR835075

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
VR798805 a. Talk about books with other people	☐ A	☐ B	☐ C	☐ D	☐ E
VR798806 b. Go to my library to access reading materials (for example, books, magazines)	☐ A	☐ B	☐ C	☐ D	☐ E
VR798807 c. Access digital reading materials (for example, articles on websites, blogs)	☐ A	☐ B	☐ C	☐ D	☐ E

31. How much does each of the following statements describe you?

VH844081

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
VH844096 a. I want to learn as much as possible in my English/language arts class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844097 b. I want to become a better reader this year.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844098 c. I want to understand as much as I can in my English/language arts class.	☐ A	☐ B	☐ C	☐ D	☐ E
VH844100 d. I want to master a lot of new English/language arts skills in my class.	☐ A	☐ B	☐ C	☐ D	☐ E

32. Besides doing homework, about how much time do you typically spend reading outside of school?

VR796732

- ☐ A Less than 30 minutes a day
- ☐ B About 30 minutes a day
- ☐ C About 1 hour a day
- ☐ D About 2 hours a day
- ☐ E About 3 hours a day

33. How much does each of the following statements describe you?

VR835042

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
VR798800 a. Reading is one of my favorite activities.	☐ A	☐ B	☐ C	☐ D	☐ E
VR798801 b. I enjoy listening to audiobooks.	☐ A	☐ B	☐ C	☐ D	☐ E
VR798802 c. I like talking with other people about things I read.	☐ A	☐ B	☐ C	☐ D	☐ E
VR798803 d. I think reading is important.	☐ A	☐ B	☐ C	☐ D	☐ E
VR798804 e. I enjoy going to a bookstore or library to find things to read.	☐ A	☐ B	☐ C	☐ D	☐ E
VR835048 f. I like reading online (for example, e-books, articles, social media).	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR796731

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

Ⓐ Not at all familiar
 Ⓑ A little familiar
 Ⓒ Somewhat familiar
 Ⓓ Quite familiar
 Ⓔ Very familiar
 Ⓕ I don't remember.

VR796731

21. Think about the last topic that you read about on this test. How **interested** were you in what you read about?

Ⓐ Not at all interested
 Ⓑ A little interested
 Ⓒ Somewhat interested
 Ⓓ Quite interested
 Ⓔ Very interested
 Ⓕ I don't remember.

VH260254

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

Select **one** answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VH260256 a. Evaluate the main evidence in a persuasive/argument passage	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH333142 b. Analyze the author's organization of information in a passage	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH333144 c. Critique the author's craft or technique	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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

VH333074

Select **one** answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VH333075 a. Summarize the passage	☐ A	☐ B	☐ C	☐ D	☐ E
VH333076 b. Interpret the meaning of the passage	☐ A	☐ B	☐ C	☐ D	☐ E
VH333079 c. Question the motives or feelings of the characters	☐ A	☐ B	☐ C	☐ D	☐ E
VH333078 d. Identify the main ideas of the passage	☐ A	☐ B	☐ C	☐ D	☐ E
VH333094 e. Identify the themes of the passage	☐ A	☐ B	☐ C	☐ D	☐ E
VH333077 f. Analyze two or more texts on the same topic	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR796736

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
VR798817 a. Contain characters that I can relate to	☐ A	☐ B	☐ C	☐ D	☐ E
VR798818 b. Relate to my interests	☐ A	☐ B	☐ C	☐ D	☐ E
VR835138 c. Represent types of texts I would also read outside of school	☐ A	☐ B	☐ C	☐ D	☐ E
VR835140 d. Relate to my own experiences	☐ A	☐ B	☐ C	☐ D	☐ E

25. This school year, how often does your English/language arts teacher do the following?

VR796737

Select **one** answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VR798819 a. Encourage me to read outside of school	☐ A	☐ B	☐ C	☐ D	☐ E
VR798820 b. Talk about something they have been reading outside of school	☐ A	☐ B	☐ C	☐ D	☐ E
VR798821 c. Encourage me to keep track of what I read (for example, with a reading log, app)	☐ A	☐ B	☐ C	☐ D	☐ E
VR798822 d. Recommend things to read for enjoyment based on my interests	☐ A	☐ B	☐ C	☐ D	☐ E
VR798823 e. Help me apply what I have read to real-world situations	☐ A	☐ B	☐ C	☐ D	☐ E
VR835148 f. Encourage me to talk about what I read with others	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR796726

- ☐ A Never
- ☐ B About once or twice a year
- ☐ C About once or twice a month
- ☐ D About once or twice a week
- ☐ E Every day or almost every day

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

VH588774

- ☐ A Never
- ☐ B Once
- ☐ C Two or three times
- ☐ D Four or five times
- ☐ E More than five times

28. Are you currently enrolled in or have you taken an Advanced Placement® (AP) course in English/language arts?

Select **one or more** answer choices.

- ☐ A Yes, I am enrolled in or have taken Advanced Placement (AP) English **Language** and Composition.
- ☐ B Yes, I am enrolled in or have taken Advanced Placement (AP) English **Literature** and Composition.
- ☐ C No, I have never taken an Advanced Placement (AP) English/language arts course.

29. Are you currently enrolled in or have you taken the International Baccalaureate® (IB) Language A1 course?

- ☐ A Yes
- ☐ B No

30. Are you currently enrolled in or have you taken any online English/language arts courses for high school or college credit?

- ☐ A Yes
- ☐ B No

31. Are you currently enrolled in or have you previously taken a dual-enrollment course for **both** high school and college credit in English/language arts?

- ☐ A Yes, online
- ☐ B Yes, in person
- ☐ C Yes, online and in person
- ☐ D No

32. Do you prefer to read texts on paper (printed texts) or on a screen (digital texts) when reading for enjoyment?

- ☐ A Print
- ☐ B Digital
- ☐ C I don't have a preference.
- ☐ D I don't read for enjoyment.

33. How often do you typically read each of the following outside of school (print or online)?

VH261065

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
VH261066 a. Stories or novels	☐ A	☐ B	☐ C	☐ D	☐ E
VH261067 b. Poems	☐ A	☐ B	☐ C	☐ D	☐ E
VH261068 c. Plays	☐ A	☐ B	☐ C	☐ D	☐ E
VH617043 d. Biographies	☐ A	☐ B	☐ C	☐ D	☐ E
VH261070 e. Comic books	☐ A	☐ B	☐ C	☐ D	☐ E
VH261071 f. Magazines	☐ A	☐ B	☐ C	☐ D	☐ E
VH261074 g. E-mails	☐ A	☐ B	☐ C	☐ D	☐ E
VH261075 h. Text messages	☐ A	☐ B	☐ C	☐ D	☐ E
VR963892 i. Other (Please specify): _____	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR837009

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
VR837010 a. Help from a teacher, in person or virtually	☐ A	☐ B	☐ C	☐ D	☐ E
VR969129 b. Help from an AI tutor	☐ A	☐ B	☐ C	☐ D	☐ E
VR837013 c. Help from a non-AI tutor, in person or virtually	☐ A	☐ B	☐ C	☐ D	☐ E
VR837012 d. Help from a family member or friend, in person or virtually	☐ A	☐ B	☐ C	☐ D	☐ E
VR837011 e. Help from other online resources (for example, websites, apps)	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH260847

Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VH260848 a. Figure out the meaning of a word you don't know by using other words in the text	☐ A	☐ B	☐ C	☐ D	☐ E
VH260849 b. Explain the meaning of something you have read	☐ A	☐ B	☐ C	☐ D	☐ E
VH260851 c. Figure out the main idea of a text	☐ A	☐ B	☐ C	☐ D	☐ E
VH260859 d. Find text in a reading passage to help you answer a question on a test	☐ A	☐ B	☐ C	☐ D	☐ E
VH260861 e. Recognize when you don't understand something you are reading	☐ A	☐ B	☐ C	☐ D	☐ E

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

VH611300

Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VR970226 a. Recognize the difference between fact and opinion in a text	☐ A	☐ B	☐ C	☐ D	☐ E
VR970244 b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	☐ A	☐ B	☐ C	☐ D	☐ E
VH260866 c. Critique an author's craft or technique	☐ A	☐ B	☐ C	☐ D	☐ E
VR970245 d. Use evidence from a text to support my answer	☐ A	☐ B	☐ C	☐ D	☐ E
VH260868 e. Identify the author's perspective in a persuasive text	☐ A	☐ B	☐ C	☐ D	☐ E

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

VR835053

- ☐ A Not at all
- ☐ B A little bit
- ☐ C Somewhat
- ☐ D Quite a bit
- ☐ E Very much

38. How much do you enjoy reading?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much

39. How much do you enjoy listening to audiobooks?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much
- ☐ Ⓕ I don't listen to audiobooks.

40. How much do you like talking with other people about things you read?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much
- ☐ Ⓕ I don't talk with others about things I read.

41. How much do you enjoy getting reading materials from a bookstore or library?

- ☐ Ⓐ Not at all
- ☐ Ⓑ A little bit
- ☐ Ⓒ Somewhat
- ☐ Ⓓ Quite a bit
- ☐ Ⓔ Very much
- ☐ Ⓕ I don't go to bookstores or libraries.

42. How much do you like reading online (for example, e-books, articles, social media)

- ☐ A Not at all
- ☐ B A little bit
- ☐ C Somewhat
- ☐ D Quite a bit
- ☐ E Very much
- ☐ F I don't read online.

43. How important is reading to you?

- ☐ A Not at all important
- ☐ B A little important
- ☐ C Somewhat important
- ☐ D Quite important
- ☐ E Very important

Appendix J1-31: Pilot Grade 4 (Debrief)

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

VH333658

- ☐ Ⓐ No effort at all
- ☐ Ⓑ Very little effort
- ☐ Ⓒ Some effort
- ☐ Ⓓ Quite a bit of effort
- ☐ Ⓔ A lot of effort

2. How easy or difficult was it for you to complete this test with this device?

VR854449

- ☐ Ⓐ Extremely difficult
- ☐ Ⓑ Quite difficult
- ☐ Ⓒ Somewhat difficult
- ☐ Ⓓ Somewhat easy
- ☐ Ⓔ Quite easy
- ☐ Ⓕ Extremely easy

Appendix J1-32: Pilot Grade 8 (Debrief)

VH333658

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

VH260313

2. How easy or difficult was this test?

- ☐ Ⓐ Extremely difficult
- ☐ Ⓑ Quite difficult
- ☐ Ⓒ Somewhat difficult
- ☐ Ⓓ Somewhat easy
- ☐ Ⓔ Quite easy
- ☐ Ⓕ Extremely easy

VR854449

3. How easy or difficult was it for you to complete this test with this device?

- ☐ Ⓐ Extremely difficult
- ☐ Ⓑ Quite difficult
- ☐ Ⓒ Somewhat difficult
- ☐ Ⓓ Somewhat easy
- ☐ Ⓔ Quite easy
- ☐ Ⓕ Extremely easy

Appendix J1-33: Pilot Grade 12 (Debrief)

VH260313

1. How easy or difficult was this test?

- ☐ Ⓐ Extremely difficult
- ☐ Ⓑ Quite difficult
- ☐ Ⓒ Somewhat difficult
- ☐ Ⓓ Somewhat easy
- ☐ Ⓔ Quite easy
- ☐ Ⓕ Extremely easy

VH333658

2. 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

VR854449

3. How easy or difficult was it for you to complete this test with this device?

- ☐ Ⓐ Extremely difficult
- ☐ Ⓑ Quite difficult
- ☐ Ⓒ Somewhat difficult
- ☐ Ⓓ Somewhat easy
- ☐ Ⓔ Quite easy
- ☐ Ⓕ Extremely easy