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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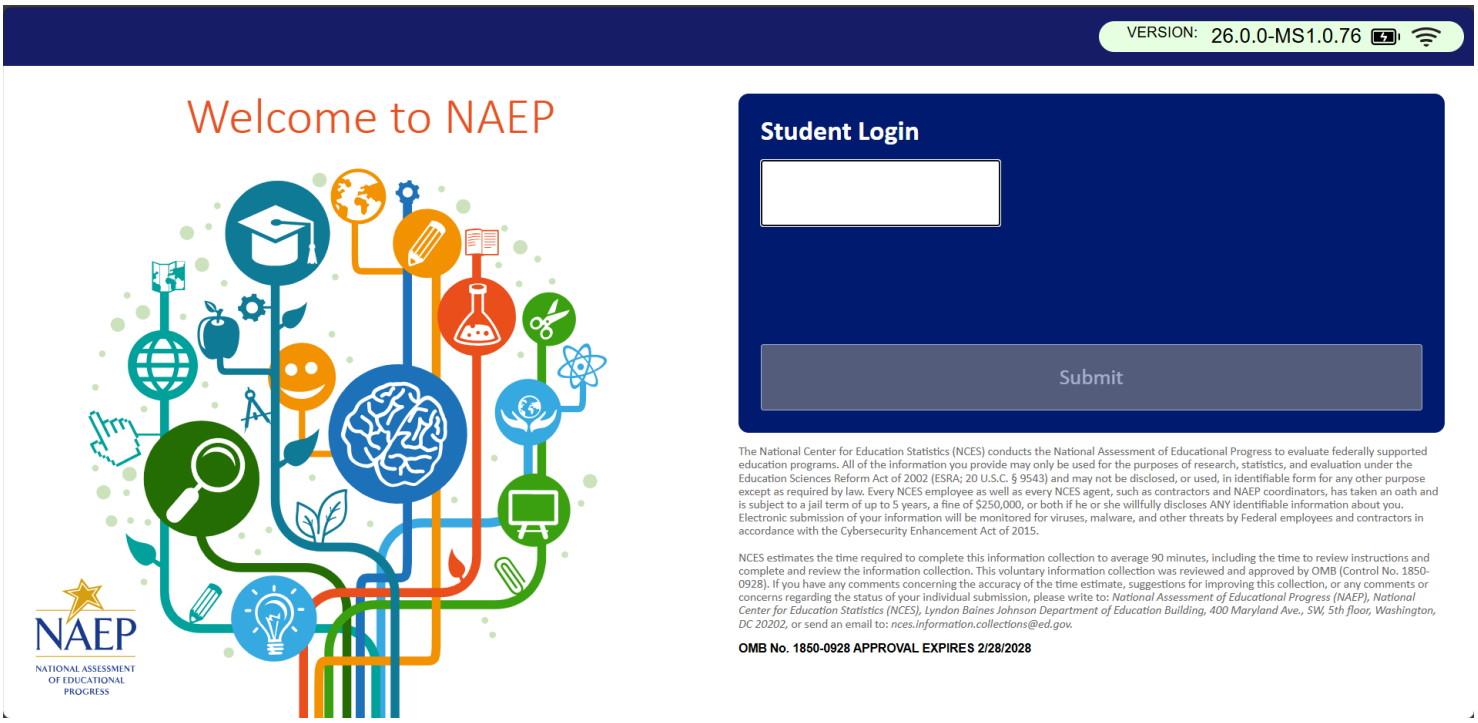
Student Login Screen



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

2026 Operational Grade 4 Core Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
VH240387 2. Are you Hispanic or Latino? Select **one or more** answer choices. ○ No, I am not Hispanic or Latino. ○ Yes, I am Mexican, Mexican American, or Chicano. ○ 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.
VH240388 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)	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 **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. VH271144 Yes / No a. Mother — VH271145 b. Stepmother — VH271146 c. Foster mother or other female legal guardian — VH271147 d. Father — VH271148 e. Stepfather — VH271149 f. Foster father or other male legal guardian — VH271150 (2024)	6. Do any of the following people live in your home? Select one answer choice on each row. VH271141 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 **Issue:** Socioeconomic Status		SubItems in this Item were re-sequenced for clarity.
8. In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school? VH591969 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 Assessment.
N/A (2024)	8. Last school year, did you attend the same school as this school year? VH586648 Yes No **Issue:** School Climate	A	This Item was added to gather information 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

VR740536 9. Thinking about **this school year**, do you think you can do each of the following? Select **one** answer choice on each row. (2024)			2026 NAEP Assessment.
VR740551 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.
VR740552 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.
VR740555 12. How easy was it for you to understand the material in your English/language arts tutoring sessions? Ⓐ Not at all easy Ⓑ A little easy Ⓒ Somewhat easy Ⓓ Very easy Ⓔ Extremely easy (2024)	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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR740537
b. Know how to get the help you need for your English/language arts class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR740538

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 VR740540 VR740541 (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
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 Assessme

	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

			nt.

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. VR730780 (2024)	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. **Issue:** Learning Environment	R	SubItems a. and f. were revised for clarity and consistency.

Previous Item

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

2026 Item

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

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	Ⓐ	Ⓑ

VH271144

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

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

VH240190

7. 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

VR586648

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

Ⓐ Yes
Ⓑ No

VH733149

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
VH733150 a. I like complex problems more than easy problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733151 b. I like activities that challenge my thinking abilities.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733155 c. I enjoy situations where I will have to think about something.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733154 d. I enjoy thinking about new solutions to problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR586626

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

Select one answer choice on each row.

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

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

2026 Operational Grade 8 Core Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
VH24037 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.

VH240388 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)	VR858698 4. What is your race and/or ethnicity? Select **one or more** answer choices. Ⓐ American Indian or Alaska Native Ⓑ Asian Ⓒ Black or African American Ⓓ 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.
VH271104 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 | Ⓐ | Ⓑ | VH336702 | | 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, HTC One) that you can use | Ⓐ | Ⓑ | VH271113 | (2024)	VR910753 6. 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 | Ⓐ | Ⓑ | | VH336702 b. Your own bedroom | Ⓐ | Ⓑ | | VH591976 c. A desktop or laptop computer (including Chromebooks) that you can use | Ⓐ | Ⓑ | | VH271110 d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use | Ⓐ | Ⓑ | | VH730789 e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use | Ⓐ | Ⓑ | **Issue:** Socioeconomic Status	R	SubItem e. was revised to provide a more current example.

2026 Operational Grade 8 Core Student

Previous Item	2026 Item	D/ A/R+	Rationale
VH240192 10. How far in school did **your mother** go? Ⓐ She did not finish high school. Ⓑ She graduated from high school. Ⓒ She had some education after high school. Ⓓ She graduated from college. Ⓔ I don't know. (2024)	VR611426 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.
VH240193 11. How far in school did **your father** go? Ⓐ He did not finish high school. Ⓑ He graduated from high school. Ⓒ He had some education after high school. Ⓓ He graduated from college. Ⓔ I don't know. (2024)	VR612366 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.

VH336776 12. Does your mother work? Ⓐ Yes Ⓑ No Ⓒ I don't know. (2024)	VR611426 8b. Does your [Parent or Guardian "A"] work? Ⓐ Yes Ⓑ No Ⓒ I don't know. Issue: Socioeconomic Status	R	Dated Parent/ Guardian Employment Item was replaced with an updated format.
VH336779 13. Does your father work? Ⓐ Yes Ⓑ No Ⓒ I don't know. (2024)	VR612366 9b. Does your [Parent or Guardian "B"]work? Ⓐ Yes Ⓑ No Ⓒ I don't know. Issue: Socioeconomic Status	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
VH271144 14. Do any of the following people live in your home? Select one answer choice on each row. (2024)	VR953135 7. The following questions are about your parents or guardians. A "parent or guardian" is someone who raises and takes care of and provides financial resources to support you. If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with. Use the drop-down menus to show your answers. Who is your Parent or Guardian A? Ⓐ 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. 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.
		D	This Item was

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

VH591969 15. In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school? Ⓐ Never Ⓑ In some classes Ⓒ In about half of the classes Ⓓ In more than half of the classes Ⓔ In all or almost all classes (2024)	N/A		dropped to make space for new Student Items in the 2026 NAEP Assessment.

2026 Operational Grade 8 Core Student

Previous Item	2026 Item	D/ A/R+	Rationale
VH271276 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)	N/A	D	This Item was dropped to make space for new Student Items in the 2026 NAEP Assessment.
VH852900 17. Are you taking an art course this school year (for example, drawing, painting, or studio art)? Ⓐ Yes Ⓑ No (2024)	N/A	D	This Item was dropped to make space for new Student Items in the 2026 NAEP Assessment.
VH740536 18. Thinking about **this school year**, do you think you can do each of the following? Select **one** answer choice on each row. I definitely can't / I probably can't / Maybe / I probably can / I definitely can a. Learn what you need to learn in your English/language arts class — Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ VH740537 b. Know how to get the help you need for your English/language arts class — Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ VH740538 (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.

VR740551 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.

2026 Operational Grade 8 Core Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
VR740552 20. To what extent did your English/language arts tutor make it easier for you to understand what you were learning? Ⓐ Not at all Ⓑ A little bit Ⓒ Somewhat Ⓓ Quite a bit Ⓔ A lot (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
VR740555 21. 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.
VR740539 18. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row. I definitely can't / I probably can't / Maybe / I probably can / I definitely can a. Learn what you need to learn in your mathematics class — Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ — VR740540 b. Know how to get the help you need for your mathematics class — Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ — VR740541 (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
	N/A	D	Learning Recovery Items were dropped

VR740556 19. Did you receive any tutoring in mathematics this school year? Yes No (2024)			from the 2026 NAEP Assessment.

2026 Operational Grade 8 Core Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
VR740558 20. To what extent did your mathematics tutor make it easier for you to understand what you were learning? Not at all A little bit Somewhat Quite a bit A lot (2024)	N/A	D	Learning Recovery Items were dropped from the 2026 NAEP Assessment.
VR740559 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)	VR586648 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

VR730780

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

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school	
a. Teachers care about the students.	①	②	③	④	VR730781
b. Students feel comfortable talking with their teachers.	①	②	③	④	VR730782
c. Teachers expect students to do well.	①	②	③	④	VR730783
d. Teachers are available when students need them.	①	②	③	④	VR730784
e. Teachers try to understand students' problems.	①	②	③	④	VR730785
f. Teachers notice if I need help.	①	②	③	④	VR730786
g. Teachers treat all students respectfully.	①	②	③	④	VR730787

(2024)

VR586626

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

Select one answer choice on each row.

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school
VR586627 a. Teachers care about students.	①	②	③	④
VR586628 b. Students feel comfortable talking with their teachers.	①	②	③	④
VR586630 c. Teachers expect students to do well.	①	②	③	④
VR586631 d. Teachers are available when students need them.	①	②	③	④
VR586633 e. Teachers try to understand students' problems.	①	②	③	④
VR586634 f. Teachers notice if students need help.	①	②	③	④
VR586636 g. Teachers treat all students respectfully.	①	②	③	④

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.

   Ⓐ 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

5. 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

6. 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	Ⓐ	Ⓑ
VH336762 b. Your own bedroom	Ⓐ	Ⓑ
VH591976 c. A desktop or laptop computer (including Chromebooks) that you can use	Ⓐ	Ⓑ
VH271110 d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	Ⓐ	Ⓑ
VR730789 e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use	Ⓐ	Ⓑ

VR953135

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

A "parent or guardian" is someone who raises and takes care of and provides financial resources to support you.
If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

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

Ⓐ 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.

VR611426

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.

VR611426

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

Ⓐ Yes
Ⓑ No
Ⓒ I don't know.

VR612366

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.

VR612366

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

Ⓐ Yes
Ⓑ No
Ⓒ I don't know.

VH240190

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

VR586648

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

Ⓐ Yes
Ⓑ No

VH354591

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

VH240189

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

VH733141

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
VH733142 a. I finish whatever I begin.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733143 b. I try very hard even after making mistakes.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733145 c. I keep working hard even when I feel like quitting.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733144 d. I keep trying to improve myself, even when it takes a long time to get there.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH733149

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
VH733150 a. I like complex problems more than easy problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733151 b. I like activities that challenge my thinking abilities.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733155 c. I enjoy situations where I will have to think about something.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733154 d. I enjoy thinking about new solutions to problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR586626

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

Select one answer choice on each row.

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

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

2026 Operational Grade 4 Mathematics Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
VH150115 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 (2024)	N/A	D	This item was dropped in favor of a new item.
N/A (2024)	VR590413 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 **Issue:** Student Mathematical Identity	A	This item was developed to measure content aligned with the new Mathematics framework.
VH268945 19. How often do you participate in each of the following activities **outside of school**? Select **one** answer choice on each row. Never | About once or twice a year | About once or twice a month | About once or twice a week | Every day or almost every day a. Talk about math problems with your friends — VH268946 b. Play an instrument and read music — VH268961 c. Go to websites for help with your math homework — VH268962 (2024)	N/A	D	This item was dropped to reduce questionnaire length.

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		help or tutoring received by students.
20. How often do you play digital games (for example, apps, video games, or computer games) **outside of school** that involve math? Ⓐ 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 questionnaire length.
N/A (2024)	16. **Outside of school**, how often did you do each of these activities in the last month? Select **one** answer choice on each row. 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 Never / Once / Two or three times / Four or more times **Issue:** Mathematical Content and Practices	A	This item was developed to measure content aligned with the new Mathematics framework.

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. 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 (2024)	17. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select **one** answer choice on each row. I definitely can't / I probably can't / Maybe / I probably can / I definitely can a. Estimate the weight of 5 apples using pounds (lb) 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 **Issue:** Student Mathematical Identity	R	Subitem a was revised for clarity.

VR590413

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

VH267415

12. 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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH336231

13. 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

VH268936

14. 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

VR760467

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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844769

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH845110

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

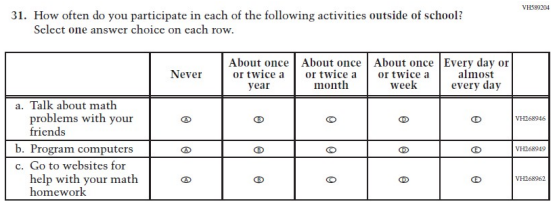
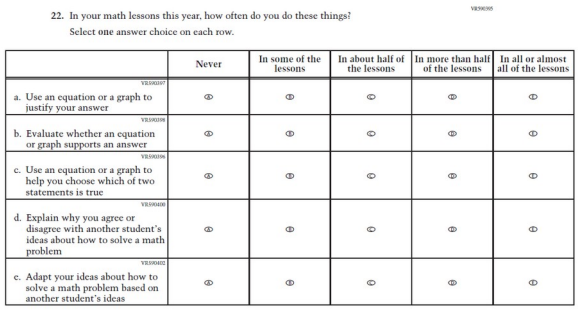
Select one answer choice on each row.

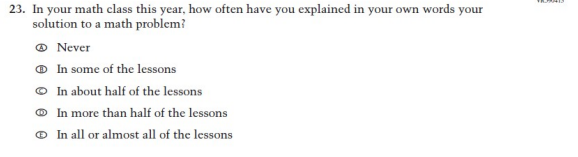
	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
VH845117 a. I want to learn as much as possible in my math class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH845114 b. I want to master a lot of new skills in my math class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH845115 c. I want to become better in math this year.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
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**
VH266769 25. What math class are you taking this year? Select **one or more** answer choices. Ⓐ Eighth-grade math Ⓑ General eighth-grade math Ⓒ Algebra I course Ⓓ 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)	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):_____ **Issue:** Mathematical Content and Practices	R	The revised item includes streamlined response options.
VH240046 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)	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. **Issue:** Mathematical Content and Practices	R	The revised item includes streamlined response options.
VH350115 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.

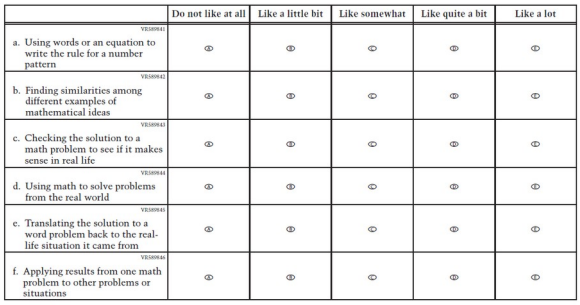
2026 Operational Grade 8 Mathematics Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
N/A	VH336231 19. How often do you **use a calculator**? Ⓐ Never Ⓑ About once or twice a year Ⓒ About once or twice a month Ⓓ About once or twice a week Ⓔ Every day or almost every day	A	This item was 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. VH589204 Never / About once or twice a year / About once or twice a month / About once or twice a week / Every day or almost every day a. Talk about math problems with your friends — VH568946 b. Program computers — VH568949 c. Go to websites for help with your math homework — VH568962 (2024)	N/A	D	This item was dropped to reduce questionn aire length.
N/A (2024)	 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 VR590398 b. Evaluate whether an equation or graph supports an answer VR590396 c. Use an equation or a graph to help you choose which of two statements is true VR590400 d. Explain why you agree or disagree with another student's ideas about how to solve a math problem VR590402 e. Adapt your ideas about how to solve a math problem based on another student's ideas **Issue:** Mathematical Content and Practices	A	This item was developed to measure content aligned with the new Mathema tics framewor k.

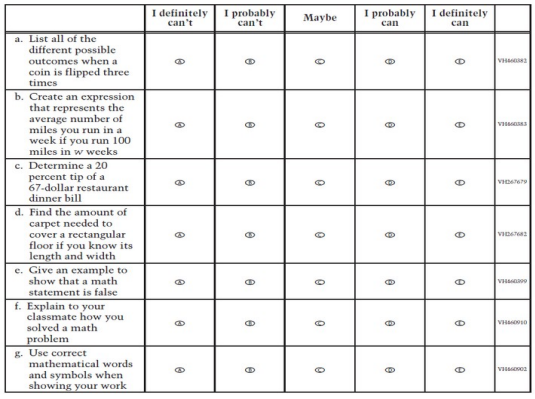
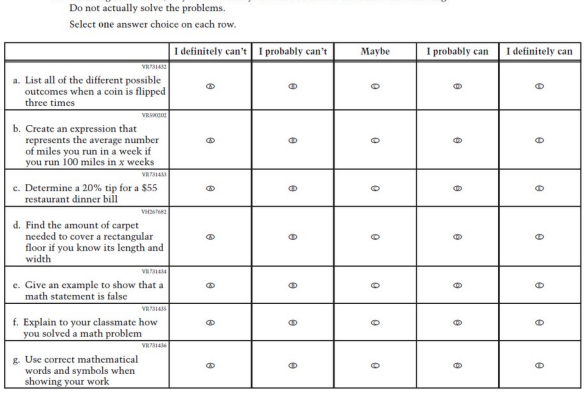
2026 Operational Grade 8 Mathematics Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
N/A (2024)	 23. In your math class this year, how often have you explained in your own words your solution to a math problem? VR590413 Never In some of the lessons In about half of the lessons In more 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 Mathema tics framewor

			k.
N/A (2024)	25. How often do you receive help or tutoring for math **outside of school**, **before school**, or **after school**? ○ Never ○ About once or twice a year ○ About once or twice a month ○ About once or twice a week ○ Every day or almost every day **Issue:** N/A	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. Never / Once / Two or three times / Four or more times a. Use math in a conversation with a friend b. Make a decision based on the probability that something will occur c. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task d. Estimate how long you have to wait for something (for example, the end of a game) **Issue:** Mathematical Content and Practices	A	This item was developed to measure content aligned with the new Mathematics framework.

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. 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 **Issue:** Student Mathematical Identity	A	This item was developed to measure content aligned with the new Mathematics framework.

N/A (2024)	30. How much do you like doing the following activities? Select one answer choice on each row.  **Issue:** Student Mathematical Identity	A	This item was developed to measure content aligned with the new Mathematics framework.

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 questionnaire 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.  (2024)	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.  **Issue:** Student Mathematical Identity	R	Subitems b and c were revised for clarity.

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

VH266808

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

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

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VH266809 a. Basic calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR191495 b. Scientific (not graphing) calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH266810 c. Graphing calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH267415

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

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

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VH588077 a. My teacher used computers or other digital devices when teaching math to my class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590395

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

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

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons
VR590397 a. Use an equation or a graph to justify your answer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590398 b. Evaluate whether an equation or graph supports an answer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590396 c. Use an equation or a graph to help you choose which of two statements is true	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590400 d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590402 e. Adapt your ideas about how to solve a math problem based on another student's ideas	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590413

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

VH268936

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

VR760467

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

VR590328

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)	Ⓐ	Ⓑ	Ⓒ	Ⓓ

VH844769

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH845110

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR600400

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

Select one answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR589836

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

Select one answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
VR589841 a. Using words or an equation to write the rule for a number pattern	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589842 b. Finding similarities among different examples of mathematical ideas	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589843 c. Checking the solution to a math problem to see if it makes sense in real life	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589844 d. Using math to solve problems from the real world	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589845 e. Translating the solution to a word problem back to the real-life situation it came from	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589846 f. Applying results from one math problem to other problems or situations	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590192

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

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VR731432 a. List all of the different possible outcomes when a coin is flipped three times	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731433 c. Determine a 20% tip for a $55 restaurant dinner bill	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267682 d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731434 e. Give an example to show that a math statement is false	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731435 f. Explain to your classmate how you solved a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731436 g. Use correct mathematical words and symbols when showing your work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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

2026 Operational Grade 4 Reading Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
N/A (2024)	11. Think about the last topic that you read about on this test. How interested were you in the topic? VR591075 Ⓐ 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)	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. VR590947 a. Read the text again when you don't understand something VR590951 b. Look at the text to help you answer questions VR590944 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 Never or hardly ever / Once in a while / Sometimes / Often / Always or almost always **Issue:** Cognition and Metacognition	A	This item was developed to measure content aligned with the new Reading framework.
N/A (2024)	17. Does your teacher give you class time to read for fun? VR591015 Ⓐ Yes Ⓑ No **Issue:** Teacher, Instructional, and Classroom Supports	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**
		R	This item was revised

VH460301 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)	VH853176 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.
VH598686 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)	VR591010 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)	VR591084 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)	VH332820 21. How often do you receive help from a tutor, family member, or friend with English/language arts **outside of school or after school**? 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

VH192186 **24.** How often do you typically do each of the following things **outside of school**? Select **one** answer choice on each row. (2024)			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 books (print or online) with other people	○	○	○	○	○	VH260907
b. Read blogs	○	○	○	○	○	VH260913

Appendix J1-10: Operational Grade 4 (Reading)

VR591075

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

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

VR590942

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

Select one answer choice on each row.

	Never or 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH332853

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

Ⓐ 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

VH332862

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

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

VR591010

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.

VH853176

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

VR591084

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

Ⓐ Yes
Ⓑ No

VH332820

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

Ⓐ 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

VH260847

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

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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844081

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844168

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
VH844169 a. Reading is one of my favorite activities.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH844172 b. I think reading is important.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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)	VR590084 17. Think about the last topic that you read about on this test. How familiar were you with that topic before taking this test? Not at all A little bit Somewhat Quite a bit Very much 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)	VR591075 18. Think about the last topic that you read about on this test. How interested were you in the topic? Not at all A little bit Somewhat Quite a bit Very much 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)	VR590942 22. When you read for your English/language arts class, how often do you do the following things? Select one answer choice on each row. 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 Never or hardly ever / Once in a while / Sometimes / Often / Always or almost always **Issue:** Cognition and Metacognition	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**
		A	This item was

N/A (2024)	VIR591015 24. Does your teacher give you class time to read for fun? Ⓐ Yes Ⓑ No **Issue:** Engagement and Motivation		developed to measure content aligned with the new Reading framework.
VIH598686 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)	VIR591010 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	R	This Item was revised to put the emphasis on "reading for fun."
N/A (2024)	VIH853176 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	A	This item was developed to measure content aligned with the new Reading framework.
N/A (2024)	VIR591062 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	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	VIR591084 28. Are you able to get reading materials **outside of school**? Ⓐ Yes Ⓑ No	A	This item was developed to measure

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

2026 Operational Grade 8 Reading Student

Previous Item	2026 Item	D/ A/R+	Rationale
30. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.	31. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.	R	Two matrix items were combined into VH260847 for 2026.
(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. VH611300 I definitely can't / I probably can't / Maybe / I probably can / I definitely can a. Recognize the difference between fact and opinion in a text VH260863 b. Judge the reliability of sources (for example, how a website might be biased or inaccurate) VH260857 c. Critique an author's craft or technique VH260866 d. Use evidence from a text to support my answer VH616841 e. Identify the author's perspective in a persuasive text VH260868 (2024)	N/A	D	This Item was dropped and some subitems were included in new matrix item VH260847 for 2026.

2026 Operational Grade 8 Reading Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
33. How much does each of the following statements describe you? Select one answer choice on each row. VH844168 Not at all like me / A little bit like me / Somewhat like me / Quite a bit like me / Exactly like me a. Reading is one of my favorite activities. 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 (2024)	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 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. VH853415 **Issue:** Engagement and Motivation	R	This item was revised to add subitem VH844168.

Appendix J1-12: Operational Grade 8 (Reading)

17. Think about the last topic that you read about on this test. How familiar were you with that topic before taking this test? VR590984

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

VR591075

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

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

VH332887

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

Select one answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH332888 a. Have a class discussion about something that the whole class has read	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH332889 b. Work in pairs or small groups to talk about something that you have read	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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?

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

VH260254

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

Select one answer choice on each row.

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

VR590942

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

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH333074

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

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR591015

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

Ⓐ 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH332820

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

VH260847

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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844081

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844168

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
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.
VH457394 a. 6th grade	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VH457396 b. 7th grade	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VH457397 c. 8th grade	Ⓐ	Ⓑ	Ⓒ	Ⓓ

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
VH457358 a. The United States Constitution	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH457359 b. The three branches of the United States government (executive, judicial, and legislative branches)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH457363 c. How laws are made	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH457366 d. Political parties, elections, and voting	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH457368 e. Other countries' governments (for example, their structure, how they are run, or interactions with the United States)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH457369 f. International organizations (for example, the United Nations, World Bank, or World Health Organization)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH457372 g. Current political and social issues	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH716863

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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH716871 b. Compare the roles and responsibilities of local, state, and national governments in the United States	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH727879 c. Study why it is important for individuals to participate in the political process and government	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH457531

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

Select one answer choice on each row.

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

VH457547

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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
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)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH457550 c. Participate in online discussions about civics and/or United States government on a website (for example, in forums or social media)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH457551 d. Use the Internet to look for evidence or sources (for example, text documents, photographic images, or films)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH716887

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

VH457877

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

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

VH716899

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
VH716900 a. I want to learn as much as possible about civics and/or United States government in my class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH716901 b. I want to master a lot of new civics and/or United States government skills in my class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH716904 c. I want to become a better civics and/or United States government student this year.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH716902 d. I want to understand as much as I can about civics and/or United States government in my class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH716873

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
VH716878 a. I think that civics and/or United States government schoolwork helps me understand what is happening in the world around me.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH716876 b. I think that learning about civics and/or United States government topics will be important for my future.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH716880

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

Select one answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH716881 a. Read about current political events in the media	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH716882 b. Watch movies, videos, and/or TV programs about current political events	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH716884 c. Participate in volunteer activities within a community	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH716883 d. Discuss current political events or issues with others (for example, people in my home or friends)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH457791

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

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

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

VH459698

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

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.
VH459700 a. 6th grade	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VH459701 b. 7th grade	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VH459702 c. 8th grade	Ⓐ	Ⓑ	Ⓒ	Ⓓ

VH459719

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

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

	Not at all	Very little	Some	Quite a bit	A lot
VH459720 a. The period before 1815 (for example, age of exploration, colonization, settlement, or American Revolution)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH459721 b. 1815 to 1865 (for example, expansion, reform, sectionalism, or the Civil War)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH459722 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)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH459723 d. 1945 to the present (for example, the Cold War, Civil Rights movement, women's rights movement, Vietnam War, or environmental movement)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH718591

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

Select one answer choice on each row.

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

VH457531

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

Select one answer choice on each row.

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

VH719828

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
VH719829 a. I form opinions about historical events only after I have information from more than one source.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH719830 b. I need to know the history leading up to an event to truly understand it.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH719834 c. I want to know what lies behind the story when I study a conflict in history.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH719832 d. I try to understand others better by imagining how things look from their perspective.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH719833 e. I try to look at everybody's side of a disagreement before I make a decision.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH719831 f. I think that there is more than one side to every question, and I try to look at all of them.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH460009

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

Select one answer choice on each row.

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

VH720606

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH718431

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

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

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

VH457791

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

Ⓐ Never

Ⓑ About once or twice a year

Ⓒ About once or twice a month

Ⓓ About once or twice a week

Ⓔ Every day or almost every day

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

2026 Operational Grade 4 Debrief Student			
Previous Item	**2026 Item**	**D/ A/R+**	**Rationale**
N/A (2024)	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 **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)

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

VR854449

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

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? VR854449 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

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	Ⓐ	Ⓑ

VH271144

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

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

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

VH240190

7. 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

VR586648

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

Ⓐ Yes
Ⓑ No

VH733149

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
VH733150 a. I like complex problems more than easy problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733151 b. I like activities that challenge my thinking abilities.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733155 c. I enjoy situations where I will have to think about something.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733154 d. I enjoy thinking about new solutions to problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR586626

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

Select one answer choice on each row.

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

VR858698

4. What is your race and/or ethnicity?

   Select **one or more** answer choices.

   Ⓐ American Indian or Alaska Native

   Ⓑ Asian

   Ⓒ Black or African American

   Ⓓ Hispanic or Latino

   Ⓔ Middle Eastern or North African

   Ⓕ Native Hawaiian or Pacific Islander

   Ⓖ White

VH240186

5. 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

6. 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	Ⓐ	Ⓑ
VH336762 b. Your own bedroom	Ⓐ	Ⓑ
VH591976 c. A desktop or laptop computer (including Chromebooks) that you can use	Ⓐ	Ⓑ
VH271110 d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	Ⓐ	Ⓑ
VR730789 e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use	Ⓐ	Ⓑ

VR953135

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

A "parent or guardian" is someone who raises and takes care of and provides financial resources to support you.
If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

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

Ⓐ 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.

VR611426

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.

VR611426

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

Ⓐ Yes
Ⓑ No
Ⓒ I don't know.

VR612366

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.

VR612366

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

Ⓐ Yes
Ⓑ No
Ⓒ I don't know.

VH240190

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

VR586648

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

Ⓐ Yes
Ⓑ No

VH354591

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

VH240189

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

VH733141

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
VH733142 a. I finish whatever I begin.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733143 b. I try very hard even after making mistakes.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733145 c. I keep working hard even when I feel like quitting.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733144 d. I keep trying to improve myself, even when it takes a long time to get there.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH733149

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
VH733150 a. I like complex problems more than easy problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733151 b. I like activities that challenge my thinking abilities.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733155 c. I enjoy situations where I will have to think about something.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733154 d. I enjoy thinking about new solutions to problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR586626

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

Select one answer choice on each row.

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

VR858698

4. What is your race and/or ethnicity?

Select **one or more** answer choices.

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

VR835432

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

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

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

VR835485

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

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

VH240186

7. 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)

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**?

Ⓐ 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.

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.

VR835487

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

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

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

VH240189

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

Ⓐ Never or hardly ever

Ⓑ Once every few weeks

Ⓒ About once a week

Ⓓ Two or three times a week

Ⓔ Every day

VH354591

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

Ⓐ Never

Ⓑ About once or twice a month

Ⓒ About once or twice a week

Ⓓ Almost every day

Ⓔ Every day

VR835542

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

VR835544

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): _____	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH740697

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

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

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

VR797016

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
VR799688 a. I believe I can control my own future.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR799689 b. I try to do things that will help me get what I want in the future.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR799690 c. I am working hard now to have a good future.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR799692 d. I have a clear idea of what I want to do in the future.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR799694 f. I worry that I am not prepared for life after high school.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH733141

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
VH733142 a. I finish whatever I begin.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733143 b. I try very hard even after making mistakes.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733145 c. I keep working hard even when I feel like quitting.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733144 d. I keep trying to improve myself, even when it takes a long time to get there.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR858698

4. What is your race and/or ethnicity?

Select **one or more** answer choices.

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

VR835432

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

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

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

VR835485

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

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

VH240186

7. 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)

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**?

Ⓐ 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.

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.

VR835487

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

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

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

VH240189

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

Ⓐ Never or hardly ever

Ⓑ Once every few weeks

Ⓒ About once a week

Ⓓ Two or three times a week

Ⓔ Every day

VR835530

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

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
VR835531 a. Grade 9	Ⓐ	Ⓑ	Ⓒ
VR835532 b. Grade 10	Ⓐ	Ⓑ	Ⓒ
VR835533 c. Grade 11	Ⓐ	Ⓑ	Ⓒ

VR835540

14. When did you start attending your current school?

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

VH240190

15. 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

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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH271944 b. I felt happy at school.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH336903 c. I felt that I learned something that I can use in my daily life.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH852900

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

- Ⓐ Yes
- Ⓑ No

VR797012

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

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

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

VH733149

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me
VH733150 a. I like complex problems more than easy problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733151 b. I like activities that challenge my thinking abilities.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733155 c. I enjoy situations where I will have to think about something.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH733154 d. I enjoy thinking about new solutions to problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590413

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

VH267415

12. 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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH336231

13. 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

VH268936

14. 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

VR760467

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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844769

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH845110

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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

VH266808

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

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

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VH266809 a. Basic calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR191495 b. Scientific (not graphing) calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH266810 c. Graphing calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH267415

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

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

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VH588077 a. My teacher used computers or other digital devices when teaching math to my class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590395

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

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

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons
VR590397 a. Use an equation or a graph to justify your answer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590398 b. Evaluate whether an equation or graph supports an answer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590396 c. Use an equation or a graph to help you choose which of two statements is true	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590400 d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590402 e. Adapt your ideas about how to solve a math problem based on another student's ideas	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590413

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

VH268936

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

VR760467

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

VR590328

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)	Ⓐ	Ⓑ	Ⓒ	Ⓓ

VH844769

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH845110

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

Select one answer choice on each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR600400

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

Select one answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR589836

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

Select one answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
VR589841 a. Using words or an equation to write the rule for a number pattern	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589842 b. Finding similarities among different examples of mathematical ideas	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589843 c. Checking the solution to a math problem to see if it makes sense in real life	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589844 d. Using math to solve problems from the real world	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589845 e. Translating the solution to a word problem back to the real-life situation it came from	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589846 f. Applying results from one math problem to other problems or situations	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590192

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

Select one answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VR731432 a. List all of the different possible outcomes when a coin is flipped three times	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731433 c. Determine a 20% tip for a $55 restaurant dinner bill	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267682 d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731434 e. Give an example to show that a math statement is false	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731435 f. Explain to your classmate how you solved a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731436 g. Use correct mathematical words and symbols when showing your work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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

VR802309

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

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): _____	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ

VR835815

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

Ⓐ Yes

Ⓑ No

VR835817

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

Select **one or more** answer choices.

Ⓐ AP Precalculus

Ⓑ AP Calculus AB

Ⓒ AP Calculus BC

Ⓓ AP Statistics

Ⓔ AP Computer Science Principles

Ⓕ AP Computer Science A

Ⓖ Other AP course in mathematics or computer science (Please specify):_____

Ⓗ No, I have not taken any of the courses listed above.

VH240051

22. Are you currently taking a mathematics course?

Ⓐ Yes

Ⓑ No

VH267415

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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR802385

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

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

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VR802386 a. Basic calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR802387 b. Scientific (not graphing) calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR802388 c. Graphing calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR835874

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

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

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR802314

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

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

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons
VR802345 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH336037

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

VH268936

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

VR836005

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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR802316

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

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

	Do not enjoy at all	Enjoy a little bit	Enjoy somewhat	Enjoy quite a bit	Enjoy a lot
VR835900 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR802319

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

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

	Never	Once	Two or three times	Four or more times
VR802370 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)

VR835727

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

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	①	②	③	④	⑤	⑥
VR835730 b. **Introduction to algebra** or **pre-algebra**	①	②	③	④	⑤	⑥
VR835731 c. **Algebra I**	①	②	③	④	⑤	⑥
VR835732 d. **Geometry**, **with or without trigonometry**	①	②	③	④	⑤	⑥
VR835733 e. **Algebra II**, **with or without trigonometry**	①	②	③	④	⑤	⑥
VR835734 f. **Trigonometry** (as a separate course)	①	②	③	④	⑤	⑥
VR835735 g. **Pre-calculus** (also called introductory analysis)	①	②	③	④	⑤	⑥
VR835741 h. **Calculus**	①	②	③	④	⑤	⑥
VR835740 i. **Probability and/or statistics**	①	②	③	④	⑤	⑥
VR835742 j. **Computer programming** (for example, Java, Python, etc.)	①	②	③	④	⑤	⑥
VR835745 k. **Computer science**	①	②	③	④	⑤	⑥
VR835743 l. **Data science**	①	②	③	④	⑤	⑥
VR835746 m. **Business** mathematics, **consumer** mathematics, or other **applied mathematics**	①	②	③	④	⑤	⑥
VR835729 n. Other mathematics course (Please specify): _____	①	②	③	④	⑤	⑥

VR837160

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

Ⓐ Yes

Ⓑ No

VR837162

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.

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)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ
VR837164 b. **Integrated Mathematics 2** (second year of a multi-year sequence)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ
VR837165 c. **Integrated Mathematics 3** (third year of a multi-year sequence)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ
VR837166 d. **Integrated Mathematics 4** (fourth year of a multi-year sequence)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ

VR802845

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

Select **one or more** answer choices.

Ⓐ Yes, I am enrolled in or have taken Advanced Placement (AP) Precalculus.

Ⓑ Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus AB.

Ⓒ Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus BC.

Ⓓ Yes, I am enrolled in or have taken Advanced Placement (AP) Statistics.

Ⓔ Yes, I am enrolled in or have taken Advanced Placement (AP) Computer Science Principles.

Ⓕ Yes, I am enrolled in or have taken Advanced Placement (AP) Computer Science A.

Ⓖ Yes, I am enrolled in or have taken other Advanced Placement (AP) courses in mathematics or computer science (Please specify):_____

Ⓗ No, I have not taken any of the courses listed above.

VH240048

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

Ⓐ Yes

Ⓑ No

VH240049

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

Ⓐ Yes

Ⓑ No

VR835821

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?

Ⓐ Yes, online

Ⓑ Yes, in person

Ⓒ Yes, online and in person

Ⓓ No

VH240050

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

Ⓐ Yes, but my school does not offer the course.

Ⓑ Yes, but the course was full.

Ⓒ Yes, but I did not have the necessary prerequisites.

Ⓓ Yes, but my schedule was full.

Ⓔ No, there was no other course that I wanted to take.

VH240051

28. Are you currently taking a mathematics course?

Ⓐ Yes

Ⓑ No

VR802451

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

VR969056

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

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

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VR969057 a. Basic calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR969059 b. Scientific (not graphing) calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR969058 c. Graphing calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR835874

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

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

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR802453

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

VR853314

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):_____

VH845110

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

VR835972

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

VR835973

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

VR835974

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

VR835975

42. How much do you enjoy learning math online?

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

VH731852

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

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

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

VH613523

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

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

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

VR835892

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

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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VR802352 a. Find an expression that represents the average number of miles a person runs in a week if they run 100 miles in 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH460329

46. 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

VH460923

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

Ⓐ Yes

Ⓑ No

VH460925

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

Enter the number of days.

☐

VR591075

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

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

VR590942

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

Select one answer choice on each row.

	Never or 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH332853

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

Ⓐ 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

VH332862

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

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

VR591010

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.

VH853176

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

VR591084

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

Ⓐ Yes
Ⓑ No

VH332820

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

Ⓐ 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

VH260847

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

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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844081

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844168

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
VH844169 a. Reading is one of my favorite activities.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH844172 b. I think reading is important.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590984

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

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

VR591075

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

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

VH332887

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

Select one answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH332888 a. Have a class discussion about something that the whole class has read	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH332889 b. Work in pairs or small groups to talk about something that you have read	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

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?

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

VH260254

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

Select one answer choice on each row.

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

VR590942

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

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH333074

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

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR591015

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

Ⓐ 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH332820

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

VH260847

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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844081

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844168

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
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR835014

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

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

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

VH332887

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

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH332888 a. Have a class discussion about something that the whole class has read	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH652035 b. Work in pairs or small groups to talk about something that we have read	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH652037 c. Discuss different interpretations of what we have read	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH731527

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

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

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

VH598636

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

Ⓐ Less than 30 minutes

Ⓑ About 30 minutes

Ⓒ About 1 hour

Ⓓ About 2 hours

Ⓔ About 3 hours

Ⓕ 4 or more hours

VR835088

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

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VR835089 a. Literature (for example, stories or novels, poems, plays, graphic novels)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835090 b. Science-related texts (for example, scientific articles or science websites, blogs, raw data, journals, handbooks, social media)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835091 c. Social studies-related texts (for example, newspaper articles, biographies, speeches, diaries, social media)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR796728

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

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

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

VH260906

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

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH260907 a. Talk about books (print or online) with other people	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH260911 b. Go to my local library to borrow books (print or online)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR958648 c. Use social media	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR963901 d. Help friends with homework for English/language arts class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR796734

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

VR835075

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

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VR798805 a. Talk about books with other people	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR798806 b. Go to my library to access reading materials (for example, books, magazines)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR798807 c. Access digital reading materials (for example, articles on websites, blogs)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH844081

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me
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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR796732

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

Ⓐ Less than 30 minutes a day

Ⓑ About 30 minutes a day

Ⓒ About 1 hour a day

Ⓓ About 2 hours a day

Ⓔ About 3 hours a day

VR835042

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

VR796723

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

Ⓐ Not at all familiar
Ⓑ A little familiar
Ⓒ Somewhat familiar
Ⓓ Quite familiar
Ⓔ Very familiar
Ⓕ 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH333074

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

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

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH333077 f. Analyze two or more texts on the same topic	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR796736

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

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VR798817 a. Contain characters that I can relate to	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR798818 b. Relate to my interests	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835138 c. Represent types of texts I would also read outside of school	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR835140 d. Relate to my own experiences	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR796737

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

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

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

VR796726

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)?

Ⓐ 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

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

Ⓐ Never

Ⓑ Once

Ⓒ Two or three times

Ⓓ Four or five times

Ⓔ More than five times

VH240398

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.

Ⓐ Yes, I am enrolled in or have taken Advanced Placement (AP) English **Language** and Composition.

Ⓑ Yes, I am enrolled in or have taken Advanced Placement (AP) English **Literature** and Composition.

Ⓒ No, I have never taken an Advanced Placement (AP) English/language arts course.

VH240006

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

Ⓐ Yes

Ⓑ No

VH240007

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

Ⓐ Yes

Ⓑ No

VR835152

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?

Ⓐ Yes, online

Ⓑ Yes, in person

Ⓒ Yes, online and in person

Ⓓ No

VR796729

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

Ⓐ Print

Ⓑ Digital

Ⓒ I don't have a preference.

Ⓓ I don't read for enjoyment.

VH261065

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

Select one answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VH261066 a. Stories or novels	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH261067 b. Poems	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH261068 c. Plays	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH617043 d. Biographies	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH261070 e. Comic books	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH261071 f. Magazines	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH261074 g. E-mails	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH261075 h. Text messages	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR963892 i. Other (Please specify): _____	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR837009

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

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
VR837010 a. Help from a teacher, in person or virtually	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR969129 b. Help from an AI tutor	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR837013 c. Help from a non-AI tutor, in person or virtually	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR837012 d. Help from a family member or friend, in person or virtually	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR837011 e. Help from other online resources (for example, websites, apps)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH260847

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

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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH611300

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

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

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

VR835053

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

Ⓐ Not at all

Ⓑ A little bit

Ⓒ Somewhat

Ⓓ Quite a bit

Ⓔ Very much

VR835061

38. How much do you enjoy reading?

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

VR835062

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.

VR835063

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.

VR835064

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.

VR835068

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

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

VR835073

43. How important is reading to you?

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

Appendix J1-31: Pilot Grade 4 (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

VR854449

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

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