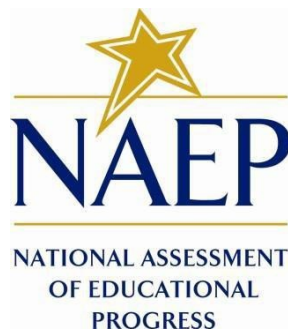


*NATIONAL CENTER FOR EDUCATION STATISTICS NATIONAL  
ASSESSMENT OF EDUCATIONAL PROGRESS*

*National Assessment of Educational Progress (NAEP) 2026*

*Appendix J1  
2024 Student Questionnaires Samples*

*OMB# 1850-0928 v.36*



May 2025



**NOTE: The 2026 student survey questionnaires were not available for this submission. The 2026 surveys will be included in either the Amendment #1 (Spring 2025), Amendment #2 (August/September 2025), or some combination of both Amendments. System login screens will be updated in upcoming Amendments to the Clearance Package.**

**Important changes in how we collect demographic information will be reflected in the 2026 instruments when they 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. Further, as we were preparing this package for 30D publication, the White House issued an 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). In compliance with these Executive Orders, the materials in this package have been modified. In addition, a full review of all items is being conducted to ensure compliance with the Executive Orders. The revised questionnaires will be included in the next Amendments to this package. No collections of this information will take place before the submission and approval of Amendment #2.**

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

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

Welcome to NAEP



### Student Login

Submit

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

NCES estimates the time required to complete this information collection to average 110 minutes, including the time to review instructions and complete and review the information collection. This voluntary information collection was reviewed and approved by OMB (Control No. 1850-0928). If you have any comments concerning the accuracy of the time estimate, suggestions for improving this collection, or any comments or concerns regarding the status of your individual submission, please write to: *National Assessment of Educational Progress (NAEP), National Center for Education Statistics (NCES), Potomac Center Plaza, 550 12th St., SW, 4th floor, Washington, DC 20202*, or send an email to: [nces.information.collections@ed.gov](mailto:nces.information.collections@ed.gov).  
**OMB No. 1850-0928 APPROVAL EXPIRES 02/28/2027**

Version: 24.0.0-MS-4.0.77



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

2024 Operational Grade 4 Core Mathematics Student																																										
Previous Item		2024 Item				D/A/ R+	Rationale																																			
<div>8. In this school year, how often have you done each of the following? Select <b>one</b> answer choice on each row.</div> <div><table><tr><th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr><tr><td>a. I started working on assignments right away rather than waiting until the last minute.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271870</td></tr><tr><td>b. I paid attention and resisted distractions.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271871</td></tr><tr><td>c. I stayed on task without reminders from my teacher.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271874</td></tr><tr><td>d. I paid attention in class even when I was not interested.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271875</td></tr></table></div> <div>(2022 Grades 4 and 8, 2019 Grade 12)</div>			Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271870	b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271871	c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271874	d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271875	<div>N/A</div> <div>Issue: Grit</div>				D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time																																					
a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271870																																				
b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271871																																				
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d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271875																																				
N/A		<div>9. Thinking about this school year, do you think you can do each of the following? Select <b>one</b> answer choice on each row.</div> <div><table><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr><tr><td>a. Learn what you need to learn in your mathematics class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI740040</td></tr><tr><td>b. Know how to get the help you need for your mathematics class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI740041</td></tr></table></div> <div>Issue: Learning Recovery</div>					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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI740040	b. Know how to get the help you need for your mathematics class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI740041	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.														
	I 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI740040																																				
b. Know how to get the help you need for your mathematics class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI740041																																				
N/a		<div>10. Did you receive any tutoring in mathematics this school year?</div> <div><input type="radio"/> Yes</div> <div><input type="radio"/> No</div> <div>Issue: Learning Recovery</div>				A	This Item was added to address gaps in																																			



			learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	<p>11. To what extent did your mathematics tutor make it easier for you to understand what you were learning?</p> <p> <input type="radio"/> Not at all  <input type="radio"/> A little bit  <input type="radio"/> Somewhat  <input type="radio"/> Quite a bit  <input type="radio"/> A lot         </p> <p><b>Issue:</b> Learning Recovery</p>	VER1058 A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.

N/A	<p>12. How easy was it for you to understand the material in your mathematics tutoring sessions?</p> <p> <input type="radio"/> Not at all easy  <input type="radio"/> A little easy  <input type="radio"/> Somewhat easy  <input type="radio"/> Very easy  <input type="radio"/> Extremely easy         </p> <p><b>Issue:</b> Learning Recovery</p>	VER1059 A	This Item was added to address gaps in learning that have developed due to the extended
-----	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------	-----------------------------------------------------------------------------------------



			period of remote and hybrid learning that took place during the pandemic.																																																
N/A	<div>14. How much does each of the following statements describe the teachers at your school this year? Select <b>one</b> answer choice on each row.</div> <div>VB730700</div> <table><thead><tr><th></th><th>Not at all like the teachers at my school</th><th>A little bit like the teachers at my school</th><th>Quite a bit like the teachers at my school</th><th>Exactly like the teachers at my school</th><th></th></tr></thead><tbody><tr><td>a. Teachers care about the students.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730701</td></tr><tr><td>b. Students feel comfortable talking with their teachers.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730702</td></tr><tr><td>c. Teachers expect students to do well.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730703</td></tr><tr><td>d. Teachers are available when students need them.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730704</td></tr><tr><td>e. Teachers try to understand students' problems.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730705</td></tr><tr><td>f. Teachers notice if I need help.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730706</td></tr><tr><td>g. Teachers treat all students respectfully.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730707</td></tr></tbody></table> <div>Issue: Learning Recovery</div>		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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730701	b. Students feel comfortable talking with their teachers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730702	c. Teachers expect students to do well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730703	d. Teachers are available when students need them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730704	e. Teachers try to understand students' problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730705	f. Teachers notice if I need help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730706	g. Teachers treat all students respectfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730707	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
	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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730701																																														
b. Students feel comfortable talking with their teachers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730702																																														
c. Teachers expect students to do well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730703																																														
d. Teachers are available when students need them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730704																																														
e. Teachers try to understand students' problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730705																																														
f. Teachers notice if I need help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730706																																														
g. Teachers treat all students respectfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730707																																														



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

VH240387

2. Are you Hispanic or Latino? Select **one or more** answer choices.

- ☐ Ⓐ No, I am not Hispanic or Latino.
- ☐ Ⓑ Yes, I am Mexican, Mexican American, or Chicano.
- ☐ Ⓒ 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.

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



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

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

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

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

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

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



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

VH271144

	Yes	No	
a. Mother	<input type="radio"/>	<input type="radio"/>	VH271145
b. Stepmother	<input type="radio"/>	<input type="radio"/>	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VH271147
d. Father	<input type="radio"/>	<input type="radio"/>	VH271148
e. Stepfather	<input type="radio"/>	<input type="radio"/>	VH271149
f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VH271150

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

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

VR740539

	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR740540
b. Know how to get the help you need for your mathematics class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR740541



10. Did you receive any tutoring in mathematics **this school year**?

- Ⓐ Yes
- Ⓑ No

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

- Ⓐ Not at all
- Ⓑ A little bit
- Ⓒ Somewhat
- Ⓓ Quite a bit
- Ⓔ A lot

12. 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



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

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

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

	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.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730781
b. Students feel comfortable talking with their teachers.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730782
c. Teachers expect students to do well.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730783
d. Teachers are available when students need them.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730784
e. Teachers try to understand students' problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730785
f. Teachers notice if I need help.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730786
g. Teachers treat all students respectfully.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730787



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

2024 Operational Grade 4 Core Reading Student																																														
Previous Item							2024 Item			D/A/ R+	Rationale																																			
<div>8. In this school year, how often have you done each of the following? Select <b>one</b> answer choice on each row.</div> <div><table><tr><th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr><tr><td>a. I started working on assignments right away rather than waiting until the last minute.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI071570</td></tr><tr><td>b. I paid attention and resisted distractions.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI071572</td></tr><tr><td>c. I stayed on task without reminders from my teacher.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI071574</td></tr><tr><td>d. I paid attention in class even when I was not interested.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI071575</td></tr></table></div> <div>(2022 Grades 4 and 8, 2019 Grade 12)</div>								Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071570	b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071572	c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071574	d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071575	N/A			D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time																																									
a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071570																																								
b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071572																																								
c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071574																																								
d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071575																																								
N/A																																														
<div>9. Thinking about this school year, do you think you can do each of the following? Select <b>one</b> answer choice on each row.</div> <div><table><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr><tr><td>a. Learn what you need to learn in your English/language arts class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI076037</td></tr><tr><td>b. Know how to get the help you need for your English/language arts class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI076038</td></tr></table></div> <div>Issue: Learning Recovery</div>								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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI076037	b. Know how to get the help you need for your English/language arts class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI076038	A			This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.															
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N/A	<p>10. Did you receive any tutoring in English/language arts this school year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><b>Issue:</b> Learning Recovery</p>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	<p>11. To what extent did your English/language arts tutor make it easier for you to understand what you were learning?</p> <p><input type="radio"/> Not at all</p> <p><input type="radio"/> A little bit</p> <p><input type="radio"/> Somewhat</p> <p><input type="radio"/> Quite a bit</p> <p><input type="radio"/> A lot</p> <p><b>Issue:</b> Learning Recovery</p>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.



N/A	<div>12. How easy was it for you to understand the material in your English/language arts tutoring sessions?</div> <div><div><div><div></div></div><div>Not at all easy</div></div><div><div><div></div></div><div>A little easy</div></div><div><div><div></div></div><div>Somewhat easy</div></div><div><div><div></div></div><div>Very easy</div></div><div><div><div></div></div><div>Extremely easy</div></div></div> <div>Issue: Learning Recovery</div>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.																																																
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g. Teachers treat all students respectfully.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730787																																														



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

VH240387

2. Are you Hispanic or Latino? Select **one or more** answer choices.

- ☐ Ⓐ No, I am not Hispanic or Latino.
- ☐ Ⓑ 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.

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



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

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

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

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

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

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



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

VH271144

	Yes	No	
a. Mother	<input type="radio"/>	<input type="radio"/>	VH271145
b. Stepmother	<input type="radio"/>	<input type="radio"/>	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VH271147
d. Father	<input type="radio"/>	<input type="radio"/>	VH271148
e. Stepfather	<input type="radio"/>	<input type="radio"/>	VH271149
f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VH271150

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

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

VR740536

	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR740537
b. Know how to get the help you need for your English/language arts class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR740538



VR740551

10. Did you receive any tutoring in English/language arts **this school year**?

- ☐ A Yes
- ☐ B No

VR740552

11. To what extent did your English/language arts tutor make it easier for you to understand what you were learning?

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

VR740555

12. How easy was it for you to understand the material in your English/language arts tutoring sessions?

- ☐ A Not at all easy
- ☐ B A little easy
- ☐ C Somewhat easy
- ☐ D Very easy
- ☐ E Extremely easy



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

VH733149

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

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

VR730780

	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.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730781
b. Students feel comfortable talking with their teachers.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730782
c. Teachers expect students to do well.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730783
d. Teachers are available when students need them.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730784
e. Teachers try to understand students' problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730785
f. Teachers notice if I need help.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730786
g. Teachers treat all students respectfully.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730787



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

2024 Operational Grade 8 Core Mathematics Student																																										
Previous Item		2024 Item				D/A/ R+	Rationale																																			
<div>8. In this school year, how often have you done each of the following? Select <b>one</b> answer choice on each row.</div> <div><table><tr><th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr><tr><td>a. I started working on assignments right away rather than waiting until the last minute.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271070</td></tr><tr><td>b. I paid attention and resisted distractions.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271075</td></tr><tr><td>c. I stayed on task without reminders from my teacher.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271074</td></tr><tr><td>d. I paid attention in class even when I was not interested.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271075</td></tr></table></div> <div>(2022 Grades 4 and 8, 2019 Grade 12)</div>			Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271070	b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271075	c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271074	d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271075	<div>N/A</div> <div>Issue: Grit</div>				D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
	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																																					
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<div>N/A</div>		<div>9. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row.</div> <div><table><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr><tr><td>a. Learn what you need to learn in your mathematics class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VIU740040</td></tr><tr><td>b. Know how to get the help you need for your mathematics class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VIU740041</td></tr></table></div> <div>Issue: Learning Recovery</div>					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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VIU740040	b. Know how to get the help you need for your mathematics class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VIU740041		This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.														
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<div>N/a</div>		<div>10. Did you receive any tutoring in mathematics this school year?</div> <div><input type="radio"/> Yes</div> <div><input type="radio"/> No</div> <div>Issue: Learning Recovery</div>					This Item was added to address gaps in learning																																			



			that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	<p>11. To what extent did your mathematics tutor make it easier for you to understand what you were learning?</p> <p>Ⓐ Not at all</p> <p>Ⓑ A little bit</p> <p>Ⓒ Somewhat</p> <p>Ⓓ Quite a bit</p> <p>Ⓔ A lot</p> <p><b>Issue:</b> Learning Recovery</p>	VB740558	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.

N/A	<p>12. How easy was it for you to understand the material in your mathematics tutoring sessions?</p> <p>Ⓐ Not at all easy</p> <p>Ⓑ A little easy</p> <p>Ⓒ Somewhat easy</p> <p>Ⓓ Very easy</p> <p>Ⓔ Extremely easy</p> <p><b>Issue:</b> Learning Recovery</p>	VB740559	This Item was added to address gaps in learning that have developed due to the extended period of
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			remote and hybrid learning that took place during the pandemic.																																																
N/A	<div>14. How much does each of the following statements describe the teachers at your school this year? Select one answer choice on each row.</div> <div>VB730700</div> <table><thead><tr><th></th><th>Not at all like the teachers at my school</th><th>A little bit like the teachers at my school</th><th>Quite a bit like the teachers at my school</th><th>Exactly like the teachers at my school</th><th></th></tr></thead><tbody><tr><td>a. Teachers care about the students.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730701</td></tr><tr><td>b. Students feel comfortable talking with their teachers.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730702</td></tr><tr><td>c. Teachers expect students to do well.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730703</td></tr><tr><td>d. Teachers are available when students need them.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730704</td></tr><tr><td>e. Teachers try to understand students' problems.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730705</td></tr><tr><td>f. Teachers notice if I need help.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730706</td></tr><tr><td>g. Teachers treat all students respectfully.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730707</td></tr></tbody></table> <div>Issue: Learning Recovery</div>		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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730701	b. Students feel comfortable talking with their teachers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730702	c. Teachers expect students to do well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730703	d. Teachers are available when students need them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730704	e. Teachers try to understand students' problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730705	f. Teachers notice if I need help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730706	g. Teachers treat all students respectfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730707		This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
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d. Teachers are available when students need them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730704																																														
e. Teachers try to understand students' problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730705																																														
f. Teachers notice if I need help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730706																																														
g. Teachers treat all students respectfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730707																																														



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

VH240387

3. Are you Hispanic or Latino? Select **one or more** answer choices.

- ☐ A No, I am not Hispanic or Latino.
- ☐ B Yes, I am Mexican, Mexican American, or Chicano.
- ☐ C Yes, I am Puerto Rican or Puerto Rican American.
- ☐ D Yes, I am Cuban or Cuban American.
- ☐ E Yes, I am from some other Hispanic or Latino background.

VH240388

4. Which of the following best describes you? Select **one or more** answer choices.

- ☐ A White
- ☐ B Black or African American
- ☐ C Asian
- ☐ D American Indian or Alaska Native
- ☐ E Native Hawaiian or other Pacific Islander

VH240186

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

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

VR777487

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

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



7. 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

8. 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

9. 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



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.

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.

12. Does **your mother** work?

- Ⓐ Yes
- Ⓑ No
- Ⓒ I don't know.

13. Does **your father** work?

- Ⓐ Yes
- Ⓑ No
- Ⓒ I don't know.



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

VH271144

	Yes	No	
a. Mother	<input type="radio"/>	<input type="radio"/>	VH271145
b. Stepmother	<input type="radio"/>	<input type="radio"/>	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VH271147
d. Father	<input type="radio"/>	<input type="radio"/>	VH271148
e. Stepfather	<input type="radio"/>	<input type="radio"/>	VH271149
f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VH271150

15. In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school?

VH591969

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

16. In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?

VH271276

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



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

- ☐ Yes  
☐ No

18. 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR740540
b. Know how to get the help you need for your mathematics class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR740541

19. Did you receive any tutoring in mathematics **this school year**?

- ☐ Yes  
☐ No

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



21. How easy was it for you to understand the material in your mathematics tutoring sessions?

- ☐ A Not at all easy
- ☐ B A little easy
- ☐ C Somewhat easy
- ☐ D Very easy
- ☐ E Extremely easy

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

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



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

VH733149

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

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

VR730780

	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.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730781
b. Students feel comfortable talking with their teachers.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730782
c. Teachers expect students to do well.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730783
d. Teachers are available when students need them.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730784
e. Teachers try to understand students' problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730785
f. Teachers notice if I need help.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730786
g. Teachers treat all students respectfully.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730787



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

2024 Operational Grade 8 Core Reading Student																																									
Previous Item	2024 Item					D/A/R+ Rationale																																			
<p>8. In this school year, how often have you done each of the following? Select <b>one</b> answer choice on each row.</p> <p>VR703507</p> <table> <tr> <th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr> <tr> <td>a. I started working on assignments right away rather than waiting until the last minute.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VR703510</td></tr> <tr> <td>b. I paid attention and resisted distractions.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VR703512</td></tr> <tr> <td>c. I stayed on task without reminders from my teacher.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VR703514</td></tr> <tr> <td>d. I paid attention in class even when I was not interested.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VR703516</td></tr> </table> <p>(2022 Grades 4 and 8, 2019 Grade 12)</p>		Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703510	b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703512	c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703514	d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703516	<p>N/A</p> <p>Issue: Grit</p>					<p>D</p> <p>This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.</p>
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time																																				
a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703510																																			
b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703512																																			
c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703514																																			
d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703516																																			
N/A	<p>9. Thinking about this school year, do you think you can do each of the following? Select <b>one</b> answer choice on each row.</p> <p>VR703536</p> <table> <tr> <th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr> <tr> <td>a. Learn what you need to learn in your English/language arts class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VR703537</td></tr> <tr> <td>b. Know how to get the help you need for your English/language arts class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VR703538</td></tr> </table> <p>Issue: Learning Recovery</p>						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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703537	b. Know how to get the help you need for your English/language arts class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703538	<p>A</p> <p>This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.</p>														
	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703537																																			
b. Know how to get the help you need for your English/language arts class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR703538																																			



N/A	<p>10. Did you receive any tutoring in English/language arts this school year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><b>Issue:</b> Learning Recovery</p>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	<p>11. To what extent did your English/language arts tutor make it easier for you to understand what you were learning?</p> <p><input type="radio"/> Not at all</p> <p><input type="radio"/> A little bit</p> <p><input type="radio"/> Somewhat</p> <p><input type="radio"/> Quite a bit</p> <p><input type="radio"/> A lot</p> <p><b>Issue:</b> Learning Recovery</p>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.



N/A	<div>12. How easy was it for you to understand the material in your English/language arts tutoring sessions?</div> <div><div><div><div></div></div><div>Not at all easy</div></div><div><div><div></div></div><div>A little easy</div></div><div><div><div></div></div><div>Somewhat easy</div></div><div><div><div></div></div><div>Very easy</div></div><div><div><div></div></div><div>Extremely easy</div></div></div> <div>Issue: Learning Recovery</div>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.																																																
N/A	<div>14. How much does each of the following statements describe the teachers at your school this year? Select one answer choice on each row.</div> <div><table><tr><th></th><th>Not at all like the teachers at my school</th><th>A little bit like the teachers at my school</th><th>Quite a bit like the teachers at my school</th><th>Exactly like the teachers at my school</th><th></th></tr><tr><td>a. Teachers care about the students.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730781</td></tr><tr><td>b. Students feel comfortable talking with their teachers.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730782</td></tr><tr><td>c. Teachers expect students to do well.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730783</td></tr><tr><td>d. Teachers are available when students need them.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730784</td></tr><tr><td>e. Teachers try to understand students' problems.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730785</td></tr><tr><td>f. Teachers notice if I need help.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730786</td></tr><tr><td>g. Teachers treat all students respectfully.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730787</td></tr></table></div> <div>Issue: Learning Recovery</div>		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.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730781	b. Students feel comfortable talking with their teachers.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730782	c. Teachers expect students to do well.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730783	d. Teachers are available when students need them.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730784	e. Teachers try to understand students' problems.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730785	f. Teachers notice if I need help.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730786	g. Teachers treat all students respectfully.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730787	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
	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.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730781																																														
b. Students feel comfortable talking with their teachers.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730782																																														
c. Teachers expect students to do well.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730783																																														
d. Teachers are available when students need them.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730784																																														
e. Teachers try to understand students' problems.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730785																																														
f. Teachers notice if I need help.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730786																																														
g. Teachers treat all students respectfully.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730787																																														



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

VH240387

3. Are you Hispanic or Latino? Select **one or more** answer choices.

- ☐ A No, I am not Hispanic or Latino.
- ☐ B Yes, I am Mexican, Mexican American, or Chicano.
- ☐ C Yes, I am Puerto Rican or Puerto Rican American.
- ☐ D Yes, I am Cuban or Cuban American.
- ☐ E Yes, I am from some other Hispanic or Latino background.

VH240388

4. Which of the following best describes you? Select **one or more** answer choices.

- ☐ A White
- ☐ B Black or African American
- ☐ C Asian
- ☐ D American Indian or Alaska Native
- ☐ E Native Hawaiian or other Pacific Islander

VH240186

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

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

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	<input type="checkbox"/> A	<input type="checkbox"/> B	VH271105
b. Your own bedroom	<input type="checkbox"/> A	<input type="checkbox"/> B	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	<input type="checkbox"/> A	<input type="checkbox"/> B	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="checkbox"/> A	<input type="checkbox"/> B	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<input type="checkbox"/> A	<input type="checkbox"/> B	VH271112



7. 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

8. 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

9. 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



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.

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.

12. Does **your mother** work?

- Ⓐ Yes
- Ⓑ No
- Ⓒ I don't know.

13. Does **your father** work?

- Ⓐ Yes
- Ⓑ No
- Ⓒ I don't know.



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

VH271144

	Yes	No	
a. Mother	<input type="radio"/>	<input type="radio"/>	VH271145
b. Stepmother	<input type="radio"/>	<input type="radio"/>	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VH271147
d. Father	<input type="radio"/>	<input type="radio"/>	VH271148
e. Stepfather	<input type="radio"/>	<input type="radio"/>	VH271149
f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VH271150

15. 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

16. In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?

VH271276

- ☐ Never
- ☐ In some classes
- ☐ In about half of the classes
- ☐ In more than half of the classes
- ☐ In all or almost all classes



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

- ☐ Yes  
☐ No

18. 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR740537
b. Know how to get the help you need for your English/language arts class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR740538

19. Did you receive any tutoring in English/language arts **this school year**?

- ☐ Yes  
☐ No



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

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



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

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

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

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



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

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school	
a. Teachers care about the students.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730781
b. Students feel comfortable talking with their teachers.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730782
c. Teachers expect students to do well.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730783
d. Teachers are available when students need them.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730784
e. Teachers try to understand students' problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730785
f. Teachers notice if I need help.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730786
g. Teachers treat all students respectfully.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730787



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

### 2024 Operational Grade 12 Core Mathematics Student

Previous Item	2024 Item	D/A/ R+	Rationale																																			
<div>8. In this school year, how often have you done each of the following? Select <b>one</b> answer choice on each row.</div> <div><table><tr><th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr><tr><td>a. I started working on assignments right away rather than waiting until the last minute.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271070</td></tr><tr><td>b. I paid attention and resisted distractions.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271072</td></tr><tr><td>c. I stayed on task without reminders from my teacher.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271074</td></tr><tr><td>d. I paid attention in class even when I was not interested.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0271076</td></tr></table></div> <div>(2022 Grades 4 and 8, 2019 Grade 12)</div>		Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271070	b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271072	c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271074	d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271076	<div>N/A</div> <div>Issue: Grit</div>	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time																																	
a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271070																																
b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271072																																
c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271074																																
d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0271076																																
N/A	<div>9. Thinking about this school year, do you think you can do each of the following? Select one answer choice on each row.</div> <div><table><tr><th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr><tr><td>a. Learn what you need to learn in your mathematics class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0740040</td></tr><tr><td>b. Know how to get the help you need for your mathematics class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI0740041</td></tr></table></div> <div>Issue: Learning Recovery</div>		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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0740040	b. Know how to get the help you need for your mathematics class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0740041		This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.														
	I 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0740040																																
b. Know how to get the help you need for your mathematics class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI0740041																																
N/a	<div>10. Did you receive any tutoring in mathematics this school year?</div> <div><input type="radio"/> Yes</div> <div><input type="radio"/> No</div> <div>Issue: Learning Recovery</div>		This Item was added to address gaps in learning that have																																			



			developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	<p>11. To what extent did your mathematics tutor make it easier for you to understand what you were learning?</p> <p> <input type="radio"/> Not at all  <input type="radio"/> A little bit  <input type="radio"/> Somewhat  <input type="radio"/> Quite a bit  <input type="radio"/> A lot         </p> <p><b>Issue:</b> Learning Recovery</p>	VER140558	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.

N/A	<p>12. How easy was it for you to understand the material in your mathematics tutoring sessions?</p> <p> <input type="radio"/> Not at all easy  <input type="radio"/> A little easy  <input type="radio"/> Somewhat easy  <input type="radio"/> Very easy  <input type="radio"/> Extremely easy         </p> <p><b>Issue:</b> Learning Recovery</p>	VER140559	This Item was added to address gaps in learning that have developed due to the extended period of remote
-----	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------	----------------------------------------------------------------------------------------------------------



			and hybrid learning that took place during the pandemic.																																																
N/A	<div>14. How much does each of the following statements describe the teachers at your school this year? Select <b>one</b> answer choice on each row.</div> <div><div>VB730730</div><table><thead><tr><th></th><th>Not at all like the teachers at my school</th><th>A little bit like the teachers at my school</th><th>Quite a bit like the teachers at my school</th><th>Exactly like the teachers at my school</th><th></th></tr></thead><tbody><tr><td>a. Teachers care about the students.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730731</td></tr><tr><td>b. Students feel comfortable talking with their teachers.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730732</td></tr><tr><td>c. Teachers expect students to do well.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730733</td></tr><tr><td>d. Teachers are available when students need them.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730734</td></tr><tr><td>e. Teachers try to understand students' problems.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730735</td></tr><tr><td>f. Teachers notice if I need help.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730736</td></tr><tr><td>g. Teachers treat all students respectfully.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VB730737</td></tr></tbody></table></div> <div>Issue: Learning Recovery</div>		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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730731	b. Students feel comfortable talking with their teachers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730732	c. Teachers expect students to do well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730733	d. Teachers are available when students need them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730734	e. Teachers try to understand students' problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730735	f. Teachers notice if I need help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730736	g. Teachers treat all students respectfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730737		This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
	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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730731																																														
b. Students feel comfortable talking with their teachers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730732																																														
c. Teachers expect students to do well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730733																																														
d. Teachers are available when students need them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730734																																														
e. Teachers try to understand students' problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730735																																														
f. Teachers notice if I need help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730736																																														
g. Teachers treat all students respectfully.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB730737																																														



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

VH240387

3. Are you Hispanic or Latino? Select **one or more** answer choices.

- ☐ A No, I am not Hispanic or Latino.
- ☐ B Yes, I am Mexican, Mexican American, or Chicano.
- ☐ C Yes, I am Puerto Rican or Puerto Rican American.
- ☐ D Yes, I am Cuban or Cuban American.
- ☐ E Yes, I am from some other Hispanic or Latino background.

VH240388

4. Which of the following best describes you? Select **one or more** answer choices.

- ☐ A White
- ☐ B Black or African American
- ☐ C Asian
- ☐ D American Indian or Alaska Native
- ☐ E Native Hawaiian or other Pacific Islander

VH240186

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

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

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	<input type="checkbox"/> A	<input type="checkbox"/> B	VH271105
b. Your own bedroom	<input type="checkbox"/> A	<input type="checkbox"/> B	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	<input type="checkbox"/> A	<input type="checkbox"/> B	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="checkbox"/> A	<input type="checkbox"/> B	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<input type="checkbox"/> A	<input type="checkbox"/> B	VH271112



7. 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

8. 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

9. 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



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.

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.

12. Does **your mother** work?

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

13. Does **your father** work?

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



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

VH271144

	Yes	No	
a. Mother	<input type="radio"/>	<input type="radio"/>	VH271145
b. Stepmother	<input type="radio"/>	<input type="radio"/>	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VH271147
d. Father	<input type="radio"/>	<input type="radio"/>	VH271148
e. Stepfather	<input type="radio"/>	<input type="radio"/>	VH271149
f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VH271150

15. In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school?

VH591969

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

16. In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?

VH271276

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



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

- ☐ Yes  
☐ No

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

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

19. Which of the following best describes your high school program?

- ☐ General  
☐ Academic or college preparatory  
☐ Vocational or technical



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

VR740539

	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	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR740540
b. Know how to get the help you need for your mathematics class	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR740541

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

VR740556

- ☐ A Yes  
☐ B No

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

VR740558

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



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

- ☐ Ⓐ Not at all easy
- ☐ Ⓑ A little easy
- ☐ Ⓒ Somewhat easy
- ☐ Ⓓ Very easy
- ☐ Ⓔ Extremely easy

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

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



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

VH733149

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

26. In this school year, how often have you felt any of the following ways about your school? Select **one** answer choice on each row.

VH271934

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time	
a. I felt awkward and out of place at school.	(A)	(B)	(C)	(D)	(E)	VH271942
b. I felt happy at school.	(A)	(B)	(C)	(D)	(E)	VH271944
c. I felt that I learned something that I can use in my daily life.	(A)	(B)	(C)	(D)	(E)	VH336903



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

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school	
a. Teachers care about the students.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730781
b. Students feel comfortable talking with their teachers.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730782
c. Teachers expect students to do well.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730783
d. Teachers are available when students need them.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730784
e. Teachers try to understand students' problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730785
f. Teachers notice if I need help.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730786
g. Teachers treat all students respectfully.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730787



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

2024 Operational Grade 12 Core Reading Student																																									
Previous Item	2024 Item					D/A/R+ Rationale																																			
<p>8. In this school year, how often have you done each of the following? Select <b>one</b> answer choice on each row.</p> <p>VI071567</p> <table> <tr> <th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr> <tr> <td>a. I started working on assignments right away rather than waiting until the last minute.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI071570</td></tr> <tr> <td>b. I paid attention and resisted distractions.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI071571</td></tr> <tr> <td>c. I stayed on task without reminders from my teacher.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI071574</td></tr> <tr> <td>d. I paid attention in class even when I was not interested.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI071575</td></tr> </table> <p>(2022 Grades 4 and 8, 2019 Grade 12)</p>		Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071570	b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071571	c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071574	d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071575	<p>N/A</p> <p>Issue: Grit</p>					<p>D</p> <p>This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.</p>
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time																																				
a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071570																																			
b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071571																																			
c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071574																																			
d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI071575																																			
N/A	<p>9. Thinking about this school year, do you think you can do each of the following? Select <b>one</b> answer choice on each row.</p> <p>VI076036</p> <table> <tr> <th></th><th>I definitely can't</th><th>I probably can't</th><th>Maybe</th><th>I probably can</th><th>I definitely can</th><th></th></tr> <tr> <td>a. Learn what you need to learn in your English/language arts class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI076037</td></tr> <tr> <td>b. Know how to get the help you need for your English/language arts class</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VI076038</td></tr> </table> <p>Issue: Learning Recovery</p>						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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI076037	b. Know how to get the help you need for your English/language arts class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI076038	<p>A</p> <p>This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.</p>														
	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI076037																																			
b. Know how to get the help you need for your English/language arts class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI076038																																			



N/A	<p>10. Did you receive any tutoring in English/language arts this school year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><b>Issue:</b> Learning Recovery</p>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
N/A	<p>11. To what extent did your English/language arts tutor make it easier for you to understand what you were learning?</p> <p><input type="radio"/> Not at all</p> <p><input type="radio"/> A little bit</p> <p><input type="radio"/> Somewhat</p> <p><input type="radio"/> Quite a bit</p> <p><input type="radio"/> A lot</p> <p><b>Issue:</b> Learning Recovery</p>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.



N/A	<div>12. How easy was it for you to understand the material in your English/language arts tutoring sessions?</div> <div><div><div><div></div></div><div>Not at all easy</div></div><div><div><div></div></div><div>A little easy</div></div><div><div><div></div></div><div>Somewhat easy</div></div><div><div><div></div></div><div>Very easy</div></div><div><div><div></div></div><div>Extremely easy</div></div></div> <div>Issue: Learning Recovery</div>	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.																																																
N/A	<div>14. How much does each of the following statements describe the teachers at your school this year? Select one answer choice on each row.</div> <table><tr><td></td><td>Not at all like the teachers at my school</td><td>A little bit like the teachers at my school</td><td>Quite a bit like the teachers at my school</td><td>Exactly like the teachers at my school</td><td></td></tr><tr><td>a. Teachers care about the students.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730781</td></tr><tr><td>b. Students feel comfortable talking with their teachers.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730782</td></tr><tr><td>c. Teachers expect students to do well.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730783</td></tr><tr><td>d. Teachers are available when students need them.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730784</td></tr><tr><td>e. Teachers try to understand students' problems.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730785</td></tr><tr><td>f. Teachers notice if I need help.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730786</td></tr><tr><td>g. Teachers treat all students respectfully.</td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td><div><div></div></div></td><td>VB730787</td></tr></table> <div>Issue: Learning Recovery</div>		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.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730781	b. Students feel comfortable talking with their teachers.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730782	c. Teachers expect students to do well.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730783	d. Teachers are available when students need them.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730784	e. Teachers try to understand students' problems.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730785	f. Teachers notice if I need help.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730786	g. Teachers treat all students respectfully.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730787	A	This Item was added to address gaps in learning that have developed due to the extended period of remote and hybrid learning that took place during the pandemic.
	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.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730781																																														
b. Students feel comfortable talking with their teachers.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730782																																														
c. Teachers expect students to do well.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730783																																														
d. Teachers are available when students need them.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730784																																														
e. Teachers try to understand students' problems.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730785																																														
f. Teachers notice if I need help.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730786																																														
g. Teachers treat all students respectfully.	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	VB730787																																														



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

VH240387

3. Are you Hispanic or Latino? Select **one or more** answer choices.

- ☐ Ⓐ No, I am not Hispanic or Latino.
- ☐ Ⓑ Yes, I am Mexican, Mexican American, or Chicano.
- ☐ Ⓒ 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.



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

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)

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	<input type="checkbox"/>	<input type="checkbox"/>	VH271105
b. Your own bedroom	<input type="checkbox"/>	<input type="checkbox"/>	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	<input type="checkbox"/>	<input type="checkbox"/>	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="checkbox"/>	<input type="checkbox"/>	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<input type="checkbox"/>	<input type="checkbox"/>	VH271112



7. 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

8. 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

9. 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



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.

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.

12. Does **your mother** work?

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

13. Does **your father** work?

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



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

VH271144

	Yes	No	
a. Mother	<input type="radio"/> A	<input type="radio"/> B	VH271145
b. Stepmother	<input type="radio"/> A	<input type="radio"/> B	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/> A	<input type="radio"/> B	VH271147
d. Father	<input type="radio"/> A	<input type="radio"/> B	VH271148
e. Stepfather	<input type="radio"/> A	<input type="radio"/> B	VH271149
f. Foster father or other male legal guardian	<input type="radio"/> A	<input type="radio"/> B	VH271150

15. In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school?

VH591969

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

16. In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?

VH271276

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



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

VH733141

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

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

VH733149

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



19. In this school year, how often have you felt any of the following ways about your school? Select **one** answer choice on each row.

VH271934

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time	
a. I felt awkward and out of place at school.	(A)	(B)	(C)	(D)	(E)	VH271942
b. I felt happy at school.	(A)	(B)	(C)	(D)	(E)	VH271944
c. I felt that I learned something that I can use in my daily life.	(A)	(B)	(C)	(D)	(E)	VH336903

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

VR730780

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



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

- ☐ A Yes  
☐ B No

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

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

23. Which of the following best describes your high school program?

- ☐ A General  
☐ B Academic or college preparatory  
☐ C Vocational or technical



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

VR740536

	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	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR740537
b. Know how to get the help you need for your English/language arts class	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR740538

25. Did you receive any tutoring in English/language arts **this school year**?

VR740551

- ☐ Ⓐ Yes
- ☐ Ⓑ No

26. To what extent did your English/language arts tutor make it easier for you to understand what you were learning?

VR740552

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

27. How easy was it for you to understand the material in your English/language arts tutoring sessions?

VR740555

- ☐ Ⓐ Not at all easy
- ☐ Ⓑ A little easy
- ☐ Ⓒ Somewhat easy
- ☐ Ⓓ Very easy
- ☐ Ⓔ Extremely easy



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

2024 Operational Grade 4 Mathematics Student			
Previous Item	2024 Item	D/A/R+	Rationale
<div>6. How often do you receive help or tutoring with math outside of school or after school?</div> <div><div><input type="radio"/> Never</div><div><input type="radio"/> About once or twice a year</div><div><input type="radio"/> About once or twice a month</div><div><input type="radio"/> About once or twice a week</div><div><input type="radio"/> Every day or almost every day</div></div> <div>(2022 Grade 4)</div>	<div>N/A</div> <div>Issue: Resources for Learning and Instruction</div>	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.



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

VH350115

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

VH267415

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

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

VH336231

17. 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



18. 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

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	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268946
b. Play an instrument and read music	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268961
c. Go to websites for help with your math homework	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268962

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



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.)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267674
b. Divide 42 stickers among 6 students	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH617317
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267682
d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267683

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want to learn as much as possible in my math class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH845117
b. I want to master a lot of new skills in my math class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH845114
c. I want to become better in math this year.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH845115
d. I want to understand as much as I can in my math class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH845118



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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I enjoy doing math.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844770
b. I look forward to my math class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844771
c. I am interested in the things I learn in math.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844775
d. I think making an effort in math is worthwhile.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844772
e. I think math will help me even when I am not in school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844777
f. I think it is important to do well in math.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844774



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

### 2024 Operational Grade 8 Mathematics Student

Previous Item	2024 Item	D/A/ R+	Rationale																																																															
<div>6. How often do you receive help or tutoring with math <i>outside of school or after school</i>?</div> <div><div><div><input type="radio"/></div>Never</div><div><input type="radio"/></div>About once or twice a year</div> <div><input type="radio"/></div> About once or twice a month <div><input type="radio"/></div> About once or twice a week <div><input type="radio"/></div> Every day or almost every day <div>(2022 Grade 8)</div>	<div>N/A</div> <div>Issue: Resources for Learning and Instruction</div>	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.																																																															
<div>7. How often do you participate in each of the following activities <i>outside of school</i>? Select <b>one</b> answer choice on each row.</div> <table><tr><th></th><th>Never</th><th>About once or twice a year</th><th>About once or twice a month</th><th>About once or twice a week</th><th>Every day or almost every day</th><th></th></tr><tr><td>a. Talk about math problems with your friends</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1208936</td></tr><tr><td>b. Program computers</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1208949</td></tr><tr><td>c. Play an instrument and read music</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1208961</td></tr><tr><td>d. Go to websites for help with your math homework</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1208962</td></tr></table> <div>(2022 Grade 8)</div>		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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208936	b. Program computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208949	c. Play an instrument and read music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208961	d. Go to websites for help with your math homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208962	<div>31. How often do you participate in each of the following activities <i>outside of school</i>? Select <b>one</b> answer choice on each row.</div> <table><tr><th></th><th>Never</th><th>About once or twice a year</th><th>About once or twice a month</th><th>About once or twice a week</th><th>Every day or almost every day</th><th></th></tr><tr><td>a. Talk about math problems with your friends</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1208946</td></tr><tr><td>b. Program computers</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1208959</td></tr><tr><td>c. Go to websites for help with your math homework</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1208962</td></tr></table> <div>Issue: Resources for Learning and Instruction</div>		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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208946	b. Program computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208959	c. Go to websites for help with your math homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208962	R	This Item was selected to be revised to reduce burden due to the addition of the Learning Recovery Items.
	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208936																																																												
b. Program computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208949																																																												
c. Play an instrument and read music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208961																																																												
d. Go to websites for help with your math homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208962																																																												
	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208946																																																												
b. Program computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208959																																																												
c. Go to websites for help with your math homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1208962																																																												
<div>13. How much do you enjoy each of the following types of math activities? Select <b>one</b> answer choice on each row.</div> <table><tr><th></th><th>Enjoy not at all</th><th>Enjoy a little bit</th><th>Enjoy somewhat</th><th>Enjoy quite a bit</th><th>Enjoy a lot</th><th></th></tr><tr><td>a. Addition, subtraction, multiplication, and division</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1034734</td></tr><tr><td>b. Finding areas of shapes and figures</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1034735</td></tr><tr><td>c. Solving for probabilities and events (for example, card, coin, marble, and spinner problems)</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1034736</td></tr><tr><td>d. Solving equations or simplifying expressions</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1034737</td></tr><tr><td>e. Constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1034738</td></tr><tr><td>f. Working with geometric figures like rectangles and squares</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>Y1034739</td></tr></table> <div>(2022 Grade 8)</div>		Enjoy not at all	Enjoy a little bit	Enjoy somewhat	Enjoy quite a bit	Enjoy a lot		a. Addition, subtraction, multiplication, and division	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034734	b. Finding areas of shapes and figures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034735	c. Solving for probabilities and events (for example, card, coin, marble, and spinner problems)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034736	d. Solving equations or simplifying expressions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034737	e. Constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034738	f. Working with geometric figures like rectangles and squares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034739	<div>N/A</div> <div>Issue: Student Factors</div>	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.														
	Enjoy not at all	Enjoy a little bit	Enjoy somewhat	Enjoy quite a bit	Enjoy a lot																																																													
a. Addition, subtraction, multiplication, and division	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034734																																																												
b. Finding areas of shapes and figures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034735																																																												
c. Solving for probabilities and events (for example, card, coin, marble, and spinner problems)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034736																																																												
d. Solving equations or simplifying expressions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034737																																																												
e. Constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034738																																																												
f. Working with geometric figures like rectangles and squares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1034739																																																												



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

VH266769

25. What math class are you taking this year? Select **one or more** answer choices.

- ☐ Ⓐ Eighth-grade math
- ☐ Ⓑ General eighth-grade math
- ☐ Ⓒ Algebra I course
- ☐ Ⓓ 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

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.



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?

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

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

VH266808

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

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

VH267415

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



30. 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

31. 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	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268946
b. Program computers	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268949
c. Go to websites for help with your math homework	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268962

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

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



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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. List all of the different possible outcomes when a coin is flipped three times	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH460382
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in $w$ weeks	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH460383
c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267679
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267682
e. Give an example to show that a math statement is false	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH460399
f. Explain to your classmate how you solved a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH460910
g. Use correct mathematical words and symbols when showing your work	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH460902



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

VH845110

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want to learn as much as possible in my math class.	(A)	(B)	(C)	(D)	(E)	VH845117
b. I want to master a lot of new skills in my math class.	(A)	(B)	(C)	(D)	(E)	VH845114
c. I want to become better in math this year.	(A)	(B)	(C)	(D)	(E)	VH845115
d. I want to understand as much as I can in my math class.	(A)	(B)	(C)	(D)	(E)	VH845118

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

VH844769

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



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

2024 Operational Grade 12 Mathematics Student																																																												
Previous Item							2024 Item			D/A/ R+	Rationale																																																	
<div>8. In your math class this year, how often have you used the following types of calculators? Select one answer choice on each row.</div> <div><table><tr><th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr><tr><td>a. Basic calculator</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID26007</td></tr><tr><td>b. Graphing calculator</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID26010</td></tr></table></div> <div>(2019 Grade 12)</div>								Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. Basic calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID26007	b. Graphing calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID26010	<div>8. In your math class this year, how often have you used the following types of calculators? Select one answer choice on each row.</div> <div><table><tr><th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr><tr><td>a. Basic calculator</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID26009</td></tr><tr><td>b. Scientific (not graphing) calculator</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VE191495</td></tr><tr><td>c. Graphing calculator</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID26010</td></tr></table></div> <div>Issue: Resources for Learning and Instruction</div>				Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. Basic calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID26009	b. Scientific (not graphing) calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VE191495	c. Graphing calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID26010	R	SubItem “b.” added to match the Grade 8 Item that was administered in 2022.
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time																																																							
a. Basic calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID26007																																																						
b. Graphing calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID26010																																																						
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time																																																							
a. Basic calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID26009																																																						
b. Scientific (not graphing) calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VE191495																																																						
c. Graphing calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID26010																																																						
<div>32. This school year, how often did the following things happen in your math class? Select one answer choice on each row.</div> <div><table><tr><th></th><th>Never or hardly ever</th><th>Less than half of the time</th><th>About half of the time</th><th>More than half of the time</th><th>All or almost all of the time</th><th></th></tr><tr><td>a. My teacher used computers or other digital devices to show us how to work through math problems.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID27414</td></tr><tr><td>b. I used the Internet for my math work.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID27417</td></tr><tr><td>c. My teacher used computers or other digital devices when teaching math to my class.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID88077</td></tr><tr><td>d. My teacher required us to use computers or other digital devices to complete math assignments.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID27419</td></tr></table></div> <div>(2019 Grade 12)</div>								Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time		a. My teacher used computers or other digital devices to show us how to work through math problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID27414	b. I used the Internet for my math work.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID27417	c. My teacher used computers or other digital devices when teaching math to my class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID88077	d. My teacher required us to use computers or other digital devices to complete math assignments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID27419	N/A			D	Due to the addition of the Learning Recovery Items, and to further reduce the expected response time at Grade 12, this Item was selected to be dropped.														
	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time																																																							
a. My teacher used computers or other digital devices to show us how to work through math problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID27414																																																						
b. I used the Internet for my math work.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID27417																																																						
c. My teacher used computers or other digital devices when teaching math to my class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID88077																																																						
d. My teacher required us to use computers or other digital devices to complete math assignments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID27419																																																						
<div>34. How much does each of the following statements describe you? Select one answer choice on each row.</div> <div><table><tr><th></th><th>Not at all like me</th><th>A little bit like me</th><th>Somewhat like me</th><th>Quite a bit like me</th><th>Exactly like me</th><th></th></tr><tr><td>a. I want other students to think I am good at math.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID44871</td></tr><tr><td>b. I want to show others that my math schoolwork is easy for me.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID44872</td></tr><tr><td>c. I want to look smart in comparison to the other students in my math class.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID44873</td></tr><tr><td>d. I want to get better grades than most other students in my math class.</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID44882</td></tr></table></div> <div>(2019 Grade 12)</div>								Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me		a. I want other students to think I am good at math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID44871	b. I want to show others that my math schoolwork is easy for me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID44872	c. I want to look smart in comparison to the other students in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID44873	d. I want to get better grades than most other students in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID44882	N/A			D	Due to the addition of the Learning Recovery Items, and to further reduce the expected														
	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me																																																							
a. I want other students to think I am good at math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID44871																																																						
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d. I want to get better grades than most other students in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID44882																																																						



			response time at Grade 12, this Item was selected to be dropped.																																																								
<div>41. How often do you participate in each of the following activities <b>outside of school</b>? Select <b>one</b> answer choice on each row.</div> <div>VID00204</div> <table><tr><th></th><th>Never</th><th>About once or twice a year</th><th>About once or twice a month</th><th>About once or twice a week</th><th>Every day or almost every day</th><th></th></tr><tr><td>a. Talk about math problems with your friends</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID00036</td></tr><tr><td>b. Program computers</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID00049</td></tr><tr><td>c. Play an instrument and read music</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID00061</td></tr><tr><td>d. Go to websites for help with your math homework</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID00092</td></tr></table> <div>(2019 Grade 12)</div>		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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00036	b. Program computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00049	c. Play an instrument and read music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00061	d. Go to websites for help with your math homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00092	<div>44. How often do you participate in each of the following activities <b>outside of school</b>? Select <b>one</b> answer choice on each row.</div> <div>VID02250</div> <table><tr><th></th><th>Never</th><th>About once or twice a year</th><th>About once or twice a month</th><th>About once or twice a week</th><th>Every day or almost every day</th><th></th></tr><tr><td>a. Talk about math problems with your friends</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID00046</td></tr><tr><td>b. Play an instrument and read music</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>VID00091</td></tr></table> <div>Issue: Resources for Learning and Instruction</div>		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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00046	b. Play an instrument and read music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00091	R	Due to the addition of the Learning Recovery Items, and to further reduce the expected response time at Grade 12, this Item was revised.
	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00036																																																					
b. Program computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00049																																																					
c. Play an instrument and read music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00061																																																					
d. Go to websites for help with your math homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00092																																																					
	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00046																																																					
b. Play an instrument and read music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VID00091																																																					
<div>42. How often do you receive help or tutoring with math <b>outside of school or after school</b>?</div> <div>VID06210</div> <div><input type="radio"/> Never <input type="radio"/> About once or twice a year <input type="radio"/> About once or twice a month <input type="radio"/> About once or twice a week <input type="radio"/> Every day or almost every day</div> <div>(2019 Grade 12)</div>	<div>N/A</div> <div>Issue: Resources for Learning and Instruction</div>	D	Due to the addition of the Learning Recovery Items, and to further reduce the expected response time at Grade 12, this Item was selected to be dropped.																																																								



<p>43. Have you ever helped your friends with their math homework?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p>(2019 Grade 12)</p>	<p>N/A</p> <p><b>Issue:</b> Outside of School Learning</p>	<p>D</p>	<p>Due to the addition of the Learning Recovery Items, and to further reduce the expected response time at Grade 12, this Item was selected to be dropped.</p>
<p>44. Over the past seven days, how many days have you helped your friends with their math homework? Enter the number of days.</p> <p><input type="text"/></p> <p>(2019 Grade 12)</p>	<p>N/A</p> <p><b>Issue:</b> Student Factors</p>	<p>D</p>	<p>Due to the addition of the Learning Recovery Items, and to further reduce the expected response time at Grade 12, this Item was selected to be dropped.</p>



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

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

VH240387

3. Are you Hispanic or Latino? Select **one or more** answer choices.

- ☐ Ⓐ No, I am not Hispanic or Latino.
- ☐ Ⓑ Yes, I am Mexican, Mexican American, or Chicano.
- ☐ Ⓒ 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.



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

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)

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	<input type="checkbox"/> Ⓐ	<input type="checkbox"/> Ⓑ	VH271105
b. Your own bedroom	<input type="checkbox"/> Ⓐ	<input type="checkbox"/> Ⓑ	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	<input type="checkbox"/> Ⓐ	<input type="checkbox"/> Ⓑ	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="checkbox"/> Ⓐ	<input type="checkbox"/> Ⓑ	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<input type="checkbox"/> Ⓐ	<input type="checkbox"/> Ⓑ	VH271112



7. 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

8. 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

9. 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



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.

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.

12. Does **your mother** work?
- Ⓐ Yes
  - Ⓑ No
  - Ⓒ I don't know.

13. Does **your father** work?
- Ⓐ Yes
  - Ⓑ No
  - Ⓒ I don't know.



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

VH271144

	Yes	No	
a. Mother	<input type="radio"/>	<input type="radio"/>	VH271145
b. Stepmother	<input type="radio"/>	<input type="radio"/>	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VH271147
d. Father	<input type="radio"/>	<input type="radio"/>	VH271148
e. Stepfather	<input type="radio"/>	<input type="radio"/>	VH271149
f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VH271150

15. In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school?

VH591969

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

16. In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?

VH271276

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



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

- ☐ A Yes  
☐ B No

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

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

19. Which of the following best describes your high school program?

- ☐ A General  
☐ B Academic or college preparatory  
☐ C Vocational or technical



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

VR740539

	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	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR740540
b. Know how to get the help you need for your mathematics class	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR740541

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

VR740556

- ☐ A Yes  
☐ B No

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

VR740558

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



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

- ☐ A Not at all easy
- ☐ B A little easy
- ☐ C Somewhat easy
- ☐ D Very easy
- ☐ E Extremely easy

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

VH733141

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



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

VH733149

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

26. In this school year, how often have you felt any of the following ways about your school? Select **one** answer choice on each row.

VH271934

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time	
a. I felt awkward and out of place at school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH271942
b. I felt happy at school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH271944
c. I felt that I learned something that I can use in my daily life.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH336903



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

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school	
a. Teachers care about the students.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730781
b. Students feel comfortable talking with their teachers.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730782
c. Teachers expect students to do well.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730783
d. Teachers are available when students need them.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730784
e. Teachers try to understand students' problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730785
f. Teachers notice if I need help.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730786
g. Teachers treat all students respectfully.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR730787



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

	I have never taken this course.	I took this course in or before Grade 8.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I took this course in Grade 12.	
a. Basic or general mathematics course	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240820
b. Tech-prep mathematics, business mathematics, consumer mathematics, or other applied mathematics course	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240844
c. Introduction to algebra or pre-algebra course	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240822
d. Algebra I course	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240823
e. Geometry course	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240824
f. Algebra II course, with or without trigonometry	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240825
g. Trigonometry (as a separate course)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240826
h. Pre-calculus course (also called introductory analysis)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240833
i. Integrated mathematics 1 (first year of a multi-year course)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240841
j. Integrated mathematics 2 (second year of a multi-year course)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240842
k. Integrated mathematics 3 (third year of a multi-year course)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240843



	I have never taken this course.	I took this course in or before Grade 8.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I took this course in Grade 12.	
l. Integrated mathematics 4 (fourth year of a multi-year course)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240821
m. Probability or statistics course	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240836
n. Calculus course	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240829
o. Computer programming course (such as C++, Visual Basic, etc.)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	VH240835

VH250444

29. Are you currently enrolled in or have you taken any of the following Advanced Placement (AP<sup>®</sup>) courses? Select **all** that apply.

- ☐ A Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus AB.
- ☐ B Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus BC.
- ☐ C Yes, I am enrolled in or have taken Advanced Placement (AP) Statistics.
- ☐ D No, I have not taken any of the courses listed above.

VH240048

30. Are you currently enrolled in or have you taken an International Baccalaureate<sup>®</sup> (IB) mathematics course?

- ☐ A Yes
- ☐ B No



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

- ☐ Ⓐ Yes
- ☐ Ⓑ No

32. 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.

33. Are you currently taking a mathematics course?

- ☐ Ⓐ Yes
- ☐ Ⓑ No

34. 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



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

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

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

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



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

VH845110

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want to learn as much as possible in my math class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH845117
b. I want to master a lot of new skills in my math class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH845114
c. I want to become better in math this year.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH845115
d. I want to understand as much as I can in my math class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH845118

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

VH613511

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Create an expression that represents the average number of miles you run in a week if you run 100 miles in $w$ weeks	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH460383
b. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267679
c. Describe the properties shared by every isosceles right triangle	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267681



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

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

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

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



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

VH860646

	Enjoy not at all	Enjoy a little bit	Enjoy somewhat	Enjoy quite a bit	Enjoy a lot	
a. Solving equations or simplifying expressions	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH860653
b. Constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH860651
c. Working with geometric figures like rectangles and squares	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH860652

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

VH268936

- ☐ Ⓐ 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

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

VH460329

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



44. 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	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268946
b. Play an instrument and read music	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268961

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

VH460923

- ☐ Ⓐ Yes  
☐ Ⓑ No

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

VH460925



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

2024 Operational Grade 4 Reading Student			
Previous Item	2024 Item	D/A/R+	Rationale
<p>10. How often do you receive help from a tutor, family member, or friend with English/language arts <b>outside of school or after school?</b></p> <p>Ⓐ 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</p> <p>(2022 Grade 4)</p>	<p>N/A</p> <p><b>Issue:</b> Resources for Learning and Instruction</p>	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.



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

VH332853

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

- ☐ Ⓐ 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

16. 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

17. 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



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

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

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



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

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



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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want to learn as much as possible in my English/language arts class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844096
b. I want to become a better reader this year.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844097
c. I want to understand as much as I can in my English/language arts class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844098
d. I want to master a lot of new English/language arts skills in my class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844100

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. Reading is one of my favorite activities.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844169
b. I like talking about books with other people.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844170
c. I think reading is important.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844172
d. I enjoy going to a bookstore or a library.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844171

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Talk about books (print or online) with other people	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260907
b. Read blogs	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260913



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

### 2024 Operational Grade 8 Reading Student

Previous Item	2024 Item	D/A/ R+	Rationale																																			
<div>10. How often do you typically read each of the following outside of school (print or online)? Select one answer choice on each row.</div> <div><table><tr><th></th><th>Never</th><th>About once or twice a year</th><th>About once or twice a month</th><th>About once or twice a week</th><th>Every day or almost every day</th><th></th></tr><tr><td>a. Stories or novels</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>V1021066</td></tr><tr><td>b. Biographies</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>V1021065</td></tr><tr><td>c. E-mails</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>V1021074</td></tr><tr><td>d. Text messages</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>V1021075</td></tr></table></div> <div>(2022 Grade 8)</div>		Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day		a. Stories or novels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1021066	b. Biographies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1021065	c. E-mails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1021074	d. Text messages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1021075	<div>N/A</div> <div>Issue: Student Factors</div>	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.
	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day																																	
a. Stories or novels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1021066																																
b. Biographies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1021065																																
c. E-mails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1021074																																
d. Text messages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1021075																																
<div>11. How often do you receive help from a tutor, family member, or friend with English/language arts outside of school or after school?</div> <div><div><input type="radio"/> Never</div><div><input type="radio"/> About once or twice a year</div><div><input type="radio"/> About once or twice a month</div><div><input type="radio"/> About once or twice a week</div><div><input type="radio"/> Every day or almost every day</div></div>	<div>N/A</div> <div>Issue: Resources for Learning and Instruction</div>	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.																																			
<div>12. How often do you typically do each of the following things outside of school? Select one answer choice on each row.</div> <div><table><tr><th></th><th>Never</th><th>About once or twice a year</th><th>About once or twice a month</th><th>About once or twice a week</th><th>Every day or almost every day</th><th></th></tr><tr><td>a. Talk about books (print or online) with other people</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>V1220097</td></tr><tr><td>b. Go to my local library to borrow books (print or online)</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>V1220091</td></tr><tr><td>c. Read blogs</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td>V1220093</td></tr></table></div> <div>(2022 Grade 8)</div>		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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1220097	b. Go to my local library to borrow books (print or online)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1220091	c. Read blogs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1220093	<div>N/A</div> <div>Issue: Student Factors</div>	D	This Item was selected to be dropped to reduce burden due to the addition of the Learning Recovery Items.							
	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1220097																																
b. Go to my local library to borrow books (print or online)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1220091																																
c. Read blogs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1220093																																



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

V11332887

25. For your English/language arts class this year, how often do you do each of the following? Select **one** answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Have a class discussion about something that the whole class has read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	V11332888
b. Work in pairs or small groups to talk about something that you have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	V11332889



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

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

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

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



28. 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

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

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

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



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	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260863
b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260857
c. Critique an author's craft or technique	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260866
d. Use evidence from a text to support my answer	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH616841
e. Identify the author's perspective in a persuasive text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260868



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

VH844081

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want to learn as much as possible in my English/language arts class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844096
b. I want to become a better reader this year.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844097
c. I want to understand as much as I can in my English/language arts class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844098
d. I want to master a lot of new English/language arts skills in my class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844100

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.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844169
b. I like talking about books with other people.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844170
c. I think reading is important.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844172
d. I enjoy going to a bookstore or a library.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844171



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

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



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

28. For your English/language arts class so far this year, how many times have you done each of the following? Select **one** answer choice on each row.

VH731527

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



29. For your English/language arts class this year, how often do you do each of the following? Select **one** answer choice on each row.

VH882575

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Have a class discussion about something that the whole class has read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH1332888
b. Work in pairs or small groups to talk about something that we have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH652035
c. Discuss different interpretations of what we have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH652037

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

VH882582

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



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

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

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

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



33. 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

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

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



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

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

36. Besides doing homework, how much time do you spend reading **outside of school**?

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



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

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

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Talk about books (print or online) with other people	(A)	(B)	(C)	(D)	(E)	VH260907
b. Go to my local library to borrow books (print or online)	(A)	(B)	(C)	(D)	(E)	VH260911
c. Read blogs	(A)	(B)	(C)	(D)	(E)	VH260913
d. Use social media (for example, Facebook, Twitter, Instagram)	(A)	(B)	(C)	(D)	(E)	VH333261
e. Help friends with reading homework	(A)	(B)	(C)	(D)	(E)	VH260917



39. Are you currently enrolled in or have you taken an Advanced Placement (AP<sup>®</sup>) course in English/language arts? Select **all** that apply.

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

40. Are you currently enrolled in or have you taken the International Baccalaureate<sup>®</sup> (IB) Language A1 course?

- ☐ A Yes
- ☐ B No

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

- ☐ A Yes
- ☐ B No

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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize the difference between fact and opinion in a text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260863
b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260857
c. Critique an author's craft or technique	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260866
d. Use evidence from a text to support my answer	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH616841
e. Identify the author's perspective in a persuasive text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260868



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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want other students to think I am good at reading.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844065
b. I want to show others that my English/language arts schoolwork is easy for me.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844066
c. I want to look smart in comparison to the other students in my English/language arts class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844068
d. I want to get better English/language arts grades than most other students in my class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844070



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

VH844081

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want to learn as much as possible in my English/language arts class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844096
b. I want to become a better reader this year.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844097
c. I want to understand as much as I can in my English/language arts class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844098
d. I want to master a lot of new English/language arts skills in my class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844100

45. 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.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844169
b. I like talking about books with other people.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844170
c. I think reading is important.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844172
d. I enjoy going to a bookstore or a library.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH844171



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

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

VH639071

	Never or hardly ever	Once in a while	Sometimes	Often	Very often	
a. Living things (for example, plants, animals, or bacteria)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639072
b. Electricity (for example, circuits, batteries, or light bulbs)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639074
c. Chemicals (for example, vinegar, baking soda, or hydrogen peroxide)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639073
d. Rocks or minerals (for example, diamond, iron, or lava rock)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639077
e. Technology and engineering (for example, robots, pulley systems, or ramps)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639076

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

VH639311

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



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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Describe how the length of a vibrating string affects the sound it makes	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH638870
b. Design an experiment to show how sunlight affects the growth of a plant	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH638872
c. Describe what would happen to the number of frogs at a pond if all the insects were removed from the pond	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH638876
d. Decide which tool to use if you want to measure wind speed	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH638883

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want other students to think I am good at science.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639080
b. I want to show others that science schoolwork is easy for me.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639082
c. I want to look smart in comparison to the other students in my science class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639084
d. I want to get better grades than most other students in my science class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH860366



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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want to learn as much as possible in my science class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639086
b. I want to become better in science this year.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639087
c. I want to understand as much as I can in my science class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639089
d. I want to master a lot of new skills in my science class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH860369

6. In this school year, how often have you done each of the following activities **outside of school**? Select **one** answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Worked on science-related projects (for example, making a volcano, growing plants from seeds, or building simple rockets)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH859162
b. Used scientific tools (for example, microscopes, thermometers, beakers, or weighing scales)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH891927
c. Read about science topics in books or magazines (print or digital)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH638987
d. Attended clubs or programs that include science or engineering activities (for example chemistry club, robotics club, or coding programs)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH893268



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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I enjoy science activities.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639117
b. I look forward to my science class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639120
c. I am interested in the things I learn in science class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639122
d. I think making an effort in science class is worthwhile.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639125
e. I think science will help me even when I am not in school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639127
f. I think it is important to do well on science assignments.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH639128

VH639733

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

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



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



## Appendix J1-26: 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



## Appendix J1-27: Operational Grade 8 and 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



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

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

VR586105

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day	
a. Practice a skill	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586109
b. Create artwork	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586113
c. Work with other students	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586120
d. Create and share presentations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586121
e. Read about current events	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586125

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

VR586626

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



VR586646

3. Are you Hispanic or Latino?

- ☐ Yes, I am Hispanic or Latino.
- ☐ No, I am not Hispanic or Latino.

VR586648

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

- ☐ Yes
- ☐ No



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

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

VR586105

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day	
a. Practice a skill	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586109
b. Create artwork	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586113
c. Work with other students	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586120
d. Create and share presentations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586121
e. Read about current events	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR586125

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

VR586626

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

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

VR586648

- ☐ A Yes  
☐ B No



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

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

VH268945

	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	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH268946
b. Use online resources for help with your math homework	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590141

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

VR590188

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

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

VH267672

	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)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH858273
b. Divide 42 stickers among 6 students	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH617317
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267682
d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH267683



1. **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	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590289
b. Recognize geometric shapes around you (for example, triangles or circles in your room)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590291
c. Figure out how long you can still play if you have to stop at a given time	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590292
d. Determine if you have enough money to pay for something (for example, a gift for a friend or a book at a school book fair)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590293
e. Measure the length or width of an object	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590294
f. Compare two amounts of something to determine which one is greater	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590302
g. Divide something evenly among several people (for example, a pizza) so that everyone receives the same amount	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590309
h. Figure out how many more pages you still have to read to finish a story or a chapter	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590310



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

VR590368

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons	
a. Explain how a table or graph can help you to arrive at an answer	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590371
b. Decide if a table or a graph that you have supports an answer	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590372
c. Use a table or graph to decide if an answer is correct	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590370
d. Explain in your own words your ideas about how to solve a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590374
e. Explain why you agree or disagree with another student's ideas about how to solve a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590376
f. Change your ideas about how to solve a math problem based on another student's ideas	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590378
g. Use numbers to convince another student of something	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590379

14. In your math class this year, how often have you explained your thinking about a math problem?

VR590408

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

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

VR590413

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



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

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



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

2. 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	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH268946
b. Write code	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590154
c. Create programs for devices or applications (for example, 3-D printers, robots, mazes, or games)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590155
d. Use online resources for help with your math homework	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590141

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

VR590188

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

5. What math classes are you taking this year? Select **one or more** answer choices.

VR600417

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



6. 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.

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

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. List all of the different possible outcomes when a coin is flipped three times	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR731432
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in $x$ weeks	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR590202
c. Determine a 20% tip for a \$55 restaurant dinner bill	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR731433
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR732484
e. Give an example to show that a math statement is false	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR731434
f. Explain to your classmate how you solved a math problem	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR731435
g. Use correct mathematical words and symbols when showing your work	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VR731436



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

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot	
a. Drawing graphs or geometric figures to represent a problem or situation	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589838
b. Reading and understanding graphs or geometric figures that represent a problem or situation	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589839
c. Using graphs or geometric figures to solve a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589840
d. Using words or an equation to write the rule for a number pattern	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589841
e. Finding similarities among different examples of mathematical ideas	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589842
f. Checking the solution to a math problem to see if it makes sense in real life	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589843
g. Using math to solve problems from the real world	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589844
h. Translating the solution to a word problem back to the real-life situation it came from	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589845
i. Applying results from one math problem to other problems or situations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589846



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

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot	
a. Doing math with another student	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589847
b. Explaining why you agree with how another student solved a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589848
c. Changing your way to solve a math problem based on another student's ideas	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589849
d. Deciding if a mathematical conclusion is true or false	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589850
e. Showing why an answer is correct, using an equation, graph, or table	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589853
f. Creating a graph, geometric figure, or equation to show that an answer is wrong	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589855
g. Thinking about what you and other students did to solve a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589856
h. Finding multiple ways to solve a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR589857
i. Learning math online through video lessons	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR600408



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

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

	Never	Once	Two or three times	Four or more times	
a. Use math in a conversation with a friend	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590329
b. Estimate the price of a product on sale when you know the regular price and the discount	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590330
c. Compare the volumes of different containers (for example, bottles or cans of beverages)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590331
d. Make a decision based on the probability that something will occur	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590332
e. Determine how long the contents of a container will last if it is used at a constant rate	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590333
f. Compare the areas of two regions to find out which one is greater	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590334
g. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590335
h. Divide a group of friends into smaller groups of equal size for an activity	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590336
i. Estimate how long you have to wait for something (for example, the end of a game)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VR590337



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

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons	
a. Use an equation or a graph to justify your answer	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590397
b. Evaluate whether an equation or graph supports an answer	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590398
c. Use an equation or a graph to help you choose which of two statements is true	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590396
d. Explain in your own words your ideas about how to solve a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590399
e. Explain why you agree or disagree with another student's ideas about how to solve a math problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590400
f. Adapt your ideas about how to solve a math problem based on another student's ideas	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590402
g. Use numbers to convince another student of something	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590403



14. In your math class this year, how often have you explained your thinking about 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

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

26. How often do you receive help or tutoring for math outside of school, before school, or after school?
- ☐ Ⓐ Never
  - ☐ Ⓑ About once or twice a year
  - ☐ Ⓒ About once or twice a month
  - ☐ Ⓓ About once or twice a week
  - ☐ Ⓔ Every day or almost every day



## Appendix J1-36: Pilot Grade 4 (Reading)

VH853176

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

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

VH598686

2. Besides doing homework, how much time do you spend reading **outside of school**?

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

VH853652

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Read online about topics I am interested in	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH853656
b. Talk about things I read with other people	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH853657
c. Borrow or download books from a local library	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH853655



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

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	
a. Compare what you read to your experiences	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590944
b. Think about what you already know about the topic	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590946
c. Ask yourself questions about the text before you read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR600518
d. Have your own opinions about the text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590948
e. Use what you read to help you in new situations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590949
f. Use other words to figure out the meaning of a word	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590950

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

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	
a. Read the text again when you don't understand something	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590947
b. Look at the text to help you answer questions	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590951
c. Highlight or underline text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590952
d. Take notes	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590953
e. Use things like pictures, videos, or links in the text to help you understand the text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590954



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

- Ⓐ Yes
- Ⓑ No

10. How often do you participate in after-school activities related to reading (for example, book clubs or reading competitions)?

- Ⓐ 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

11. How often do you read with someone you live with? This can include reading to someone, someone reading to you, or you reading with someone.

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



13. 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.

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

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

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

- ☐ Ⓐ Yes
- ☐ Ⓑ No

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

- ☐ Ⓐ 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 enjoyment.



25. How often do you receive the following types of help with English/language arts schoolwork **outside of school or after school**? Select **one** answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Help from a teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH811190
b. Help from a tutor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH811192
c. Help from a family member or friend	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH811196
d. Help from online resources (for example, websites or apps)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH811200



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

VH853176

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

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

VH598686

2. Besides doing homework, how much time do you spend reading **outside of school**?

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

VH853652

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

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Read online about topics I am interested in	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH853656
b. Talk about things I read with other people	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH853657
c. Borrow or download books from a local library	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH853655



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

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	
a. Compare what you read to your experiences	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590944
b. Think about what you already know about the topic	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590946
c. Ask yourself questions about the text before you read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR600518
d. Have your own opinions about the text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590948
e. Use what you read to help you in new situations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590949
f. Use other words to figure out the meaning of a word	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590950

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

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	
a. Read the text again when you don't understand something	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590947
b. Look at the text to help you answer questions	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590951
c. Highlight or underline text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590952
d. Take notes	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590953
e. Use things like pictures, videos, or links in the text to help you understand the text	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR590954

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

	Yes	No	
a. Read on paper (for example, printed books or magazines)	<input type="radio"/> A	<input type="radio"/> B	VR591022



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

VR591021

	Yes	No	
a. Read on paper (for example, printed books or magazines)	<input type="radio"/>	<input type="radio"/>	VR591022
b. Read on a screen (for example, on a phone, tablet, or computer)	<input type="radio"/>	<input type="radio"/>	VR591023
c. Listen to audiobooks	<input type="radio"/>	<input type="radio"/>	VR591024
d. Read something on social media	<input type="radio"/>	<input type="radio"/>	VR591025

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

VR591033

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

VR591062

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

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



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

- Ⓐ Yes
- Ⓑ No

4. How often do you participate in after-school activities that involve reading (for example, book clubs or reading competitions)?

- Ⓐ 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

11. How often do you read with someone you live with? This can include reading to someone, someone reading to you, or you reading with someone.

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

18. 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.



19. 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.

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

- ☐ Ⓐ Yes
- ☐ Ⓑ No

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

- ☐ Ⓐ 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 enjoyment.



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

	Not at all	A little bit	Somewhat	Quite a bit	Very much	
a. It was easy to read the words and sentences.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR590987
b. It was easy to understand the texts.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR590988
c. It was easy to complete.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR590989
d. It was easy to use the digital device.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR590992
e. It was easy to type my answers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR590994
f. I had enough time to finish.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR590996

29. How often do you receive the following types of help with English/language arts schoolwork **outside of school or after school**? Select **one** answer choice on each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Help from a teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH811190
b. Help from a tutor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH811192
c. Help from a family member or friend	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH811196
d. Help from online resources (for example, websites or apps)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH811200



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

VH811222

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize the author's use of figurative language (for example, symbolism, similes, metaphors, or personification)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH811229
b. Evaluate the author's use of features in a text (for example, figurative language, voice, or transition words)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH811227
c. Recognize tools the author is using (for example, rhyme, imagery, examples, or repetition)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH811231
d. Evaluate the strength and quality of evidence used by the author to support his or her position	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH811233
e. Evaluate the author's use of multimedia or non-print text (for example, texts including images, infographics, or animations)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH811237

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

VR775375

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Talk about books (print or online) with other people	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260907
b. Go to my local library to borrow books (print or online)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260911
c. Read blogs	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH260913







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

VH240387

1. 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.

VH240388

2. 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

VH240186

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

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



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

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

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

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

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

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



7. 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

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

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

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

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



10. Does **your mother** work?

- ☐ Yes
- ☐ No
- ☐ I don't know.

11. Does **your father** work?

- ☐ Yes
- ☐ No
- ☐ I don't know.



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

VH271144

	Yes	No	
a. Mother	<input type="radio"/>	<input type="radio"/>	VH271145
b. Stepmother	<input type="radio"/>	<input type="radio"/>	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VH271147
d. Father	<input type="radio"/>	<input type="radio"/>	VH271148
e. Stepfather	<input type="radio"/>	<input type="radio"/>	VH271149
f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VH271150

VH591969

13. In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school?

- ☐ Never  
☐ In some classes  
☐ In about half of the classes  
☐ In more than half of the classes  
☐ In all or almost all classes

VH271276

14. In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?

- ☐ Never  
☐ In some classes  
☐ In about half of the classes  
☐ In more than half of the classes  
☐ In all or almost all classes



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

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me	
a. I like complex problems more than easy problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH733150
b. I like activities that challenge my thinking abilities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH733151
c. I enjoy situations where I will have to think about something.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH733155
d. I enjoy thinking about new solutions to problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH733154



17. In this school year, how often have you done each of the following? Select **one** answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time	
a. I started working on assignments right away rather than waiting until the last minute.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH271370
b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH271372
c. I stayed on task without reminders from my teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH271374
d. I paid attention in class even when I was not interested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH271375

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

- ☐ Yes  
☐ No