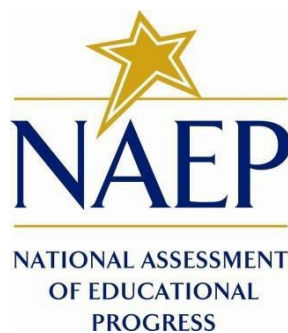


*NATIONAL CENTER FOR EDUCATION STATISTICS
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS*

*National Assessment of Educational Progress (NAEP)
2022*

*Appendix J1
2022 Student Questionnaires*

OMB# 1850-0928 v.22



March 2021

No changes since November 2020 (1850-0928 v.21)

Appendix J1 provides a sample from 2020 (OMB# 1850-0928 v.21). Depending on the status of Student Survey Questionnaires, final versions may be available for Amendment #1 by June 2021, or some combination of Amendment #1 (by June 2021) and Amendment #2 (by August 2021).

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Student Login Screen



Welcome to NAEP

GRADE 4 M/R OPERATIONAL 831002, 8310021

Session: DS0401 Router: Disconnected Admin: Disconnected



Student Login

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this voluntary information collection is 1850-0026. The time required to complete this information collection is estimated to average 95 minutes, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. 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 (NCEES), Potomac Center Plaza, 550 12th St., SW, 4th floor, Washington, DC 20002.

OMB No. 1850-0026 APPROVAL EXPIRES 7/31/2023

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

2021 Operational Grade 4 Core Student			
Previous item	2021 item	D/A/ R/NC +	Rationale
<p style="text-align: right; font-size: small;">VIE4037</p> <p>3. Are you Hispanic or Latino? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> No, I am not Hispanic or Latino. <input type="radio"/> Yes, I am Mexican, Mexican American, or Chicano. <input type="radio"/> Yes, I am Puerto Rican or Puerto Rican American. <input type="radio"/> Yes, I am Cuban or Cuban American. <input type="radio"/> Yes, I am from some other Hispanic or Latino background. <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VIE4037</p> <p>1. Are you Hispanic or Latino? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> No, I am not Hispanic or Latino. <input type="radio"/> Yes, I am Mexican, Mexican American, or Chicano. <input type="radio"/> Yes, I am Puerto Rican or Puerto Rican American. <input type="radio"/> Yes, I am Cuban or Cuban American. <input type="radio"/> Yes, I am from some other Hispanic or Latino background. <p>Issue: Race/Ethnicity</p>	NC	N/A
<p style="text-align: right; font-size: small;">VIE4038</p> <p>4. Which of the following best describes you? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> White <input type="radio"/> Black or African American <input type="radio"/> Asian <input type="radio"/> American Indian or Alaska Native <input type="radio"/> Native Hawaiian or other Pacific Islander <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VIE4038</p> <p>2. Which of the following best describes you? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> White <input type="radio"/> Black or African American <input type="radio"/> Asian <input type="radio"/> American Indian or Alaska Native <input type="radio"/> Native Hawaiian or other Pacific Islander <p>Issue: Race/Ethnicity</p>	NC	N/A
<p style="text-align: right; font-size: small;">VIE4036</p> <p>5. About how many books are there in your home?</p> <ul style="list-style-type: none"> <input type="radio"/> Few (0-10) <input type="radio"/> Enough to fill one shelf (11-25) <input type="radio"/> Enough to fill one bookcase (26-100) <input type="radio"/> Enough to fill several bookcases (more than 100) <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VIE4036</p> <p>3. About how many books are there in your home?</p> <ul style="list-style-type: none"> <input type="radio"/> Few (0-10) <input type="radio"/> Enough to fill one shelf (11-25) <input type="radio"/> Enough to fill one bookcase (26-100) <input type="radio"/> Enough to fill several bookcases (more than 100) <p>Issue: Socioeconomic Status</p>	NC	N/A

2021 Operational Grade 4 Core Student

Previous item	2021 item	D/A/ R/NC +	Rationale																																								
<p>6. Do you have any of the following in your home? Select one answer choice on each row. VH27104</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. Access to the Internet</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: small;">VH27105</td> </tr> <tr> <td>b. Your own bedroom</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: small;">VH33652</td> </tr> <tr> <td>c. A desktop or laptop computer (including Chromebooks) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: small;">VH39195</td> </tr> <tr> <td>d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: small;">VH27110</td> </tr> <tr> <td>e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: small;">VH27112</td> </tr> </tbody> </table> <p>(2019 Grade 4)</p>		Yes	No		a. Access to the Internet	<input type="radio"/>	<input type="radio"/>	VH27105	b. Your own bedroom	<input type="radio"/>	<input type="radio"/>	VH33652	c. A desktop or laptop computer (including Chromebooks) that you can use	<input type="radio"/>	<input type="radio"/>	VH39195	d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="radio"/>	<input type="radio"/>	VH27110	e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<input type="radio"/>	<input type="radio"/>	VH27112	<p>4. Do you have any of the following in your home? Select one answer choice on each row. VH19073</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. Access to the Internet</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: small;">VH27105</td> </tr> <tr> <td>b. A desktop or laptop computer (including Chromebooks) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: small;">VH39195</td> </tr> <tr> <td>c. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: small;">VH27110</td> </tr> </tbody> </table> <p>Issue: Socioeconomic Status</p>		Yes	No		a. Access to the Internet	<input type="radio"/>	<input type="radio"/>	VH27105	b. A desktop or laptop computer (including Chromebooks) that you can use	<input type="radio"/>	<input type="radio"/>	VH39195	c. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="radio"/>	<input type="radio"/>	VH27110	R	<p>To keep student burden low, sub-items b and e were dropped.</p>
	Yes	No																																									
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<p>7. How often do you use the Internet for homework at home? VH32491</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> About once or twice a month <input type="radio"/> About once or twice a week <input type="radio"/> Almost every day <input type="radio"/> Every day <p>(2019 Grade 4)</p>	<p>N/A</p>	D	<p>To keep student burden low, this item was dropped.</p>																																								
<p>8. How many days were you absent from school in the last month? VH24190</p> <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 or 2 days <input type="radio"/> 3 or 4 days <input type="radio"/> 5 to 10 days <input type="radio"/> More than 10 days <p>(2019 Grade 4)</p>	<p>5. How many days were you absent from school in the last month? VH24190</p> <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 or 2 days <input type="radio"/> 3 or 4 days <input type="radio"/> 5 to 10 days <input type="radio"/> More than 10 days <p>Issue: School Climate</p>	NC	<p>N/A</p>																																								
<p>9. How often do you talk about things you have studied in school with someone in your family? VH24199</p> <ul style="list-style-type: none"> <input type="radio"/> Never or hardly ever <input type="radio"/> Once every few weeks <input type="radio"/> About once a week <input type="radio"/> Two or three times a week <input type="radio"/> Every day <p>(2019 Grade 4)</p>	<p>N/A</p>	D	<p>To keep student burden low, this item was dropped.</p>																																								

2021 Operational Grade 4 Core Student

Previous item	2021 item	D/A/ R/NC +	Rationale																																																								
<p>10. Do any of the following people live in your home? Select one answer choice on each row.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>Yes</th> <th>No</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. Mother</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71145</td> </tr> <tr> <td>b. Stepmother</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71146</td> </tr> <tr> <td>c. Foster mother or other female legal guardian</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71147</td> </tr> <tr> <td>d. Father</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71148</td> </tr> <tr> <td>e. Stepfather</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71149</td> </tr> <tr> <td>f. Foster father or other male legal guardian</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71150</td> </tr> </tbody> </table> <p>(2019 Grade 4)</p>		Yes	No		a. Mother	<input type="radio"/>	<input type="radio"/>	VHE71145	b. Stepmother	<input type="radio"/>	<input type="radio"/>	VHE71146	c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VHE71147	d. Father	<input type="radio"/>	<input type="radio"/>	VHE71148	e. Stepfather	<input type="radio"/>	<input type="radio"/>	VHE71149	f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VHE71150	<p>6. Do any of the following people live in your home? Select one answer choice on each row.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>Yes</th> <th>No</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. Mother</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71145</td> </tr> <tr> <td>b. Stepmother</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71146</td> </tr> <tr> <td>c. Foster mother or other female legal guardian</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71147</td> </tr> <tr> <td>d. Father</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71148</td> </tr> <tr> <td>e. Stepfather</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71149</td> </tr> <tr> <td>f. Foster father or other male legal guardian</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>VHE71150</td> </tr> </tbody> </table> <p>Issue: Socioeconomic Status</p>		Yes	No		a. Mother	<input type="radio"/>	<input type="radio"/>	VHE71145	b. Stepmother	<input type="radio"/>	<input type="radio"/>	VHE71146	c. Foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VHE71147	d. Father	<input type="radio"/>	<input type="radio"/>	VHE71148	e. Stepfather	<input type="radio"/>	<input type="radio"/>	VHE71149	f. Foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VHE71150	NC	N/A
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<p>11. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> In some classes <input type="radio"/> In about half of the classes <input type="radio"/> In more than half of the classes <input type="radio"/> In all or almost all classes <p>(2019 Grade 4)</p>	<p>7. In this school year, how often did you use a laptop or desktop computer (including Chromebooks) during your classes at school?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> In some classes <input type="radio"/> In about half of the classes <input type="radio"/> In more than half of the classes <input type="radio"/> In all or almost all classes <p>Issue: Technology Use</p>	NC	N/A																																																								
<p>12. In this school year, how often did you use a tablet (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> In some classes <input type="radio"/> In about half of the classes <input type="radio"/> In more than half of the classes <input type="radio"/> In all or almost all classes <p>(2019 Grade 4)</p>	N/A	D	<p>To keep student burden low, this item was dropped.</p>																																																								

2021 Operational Grade 4 Core Student

Previous item	2021 item	D/A/ R/NC +	Rationale																																																																						
<p>13. How much does each of the following statements describe you? Select one answer choice on each row. VH73141</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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>Very much like me</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. I finish whatever I begin.</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>VH73141</td> </tr> <tr> <td>b. I try very hard even after making mistakes.</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>VH73143</td> </tr> <tr> <td>c. I keep working hard even when I feel like quitting.</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>VH73145</td> </tr> <tr> <td>d. I keep trying to improve myself, even when it takes a long time to get there.</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>VH73144</td> </tr> </tbody> </table> <p>(2019 Grade 4)</p>		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"/>	VH73141	b. I try very hard even after making mistakes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH73143	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"/>	VH73145	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"/>	VH73144	<p>N/A</p>	<p>D</p>	<p>To keep student burden low, this item was dropped.</p>																																			
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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"/>	VH73145																																																																			
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"/>	VH73144																																																																			
<p>14. How much does each of the following statements describe you? Select one answer choice on each row. VH73148</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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>Very much like me</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. I like complex problems more than easy 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>VH73150</td> </tr> <tr> <td>b. I like activities that challenge my thinking abilities.</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>VH73151</td> </tr> <tr> <td>c. I enjoy situations where I will have to think about something.</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>VH73155</td> </tr> <tr> <td>d. I enjoy thinking about new solutions to 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>VH73154</td> </tr> </tbody> </table> <p>(2019 Grade 4)</p>		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"/>	VH73150	b. I like activities that challenge my thinking abilities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH73151	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"/>	VH73155	d. I enjoy thinking about new solutions to problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH73154	<p>8. How much does each of the following statements describe you? Select one answer choice on each row. VH73148</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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>Very much like me</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. I like complex problems more than easy 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>VH73150</td> </tr> <tr> <td>b. I like activities that challenge my thinking abilities.</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>VH73151</td> </tr> <tr> <td>c. I enjoy situations where I will have to think about something.</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>VH73155</td> </tr> <tr> <td>d. I enjoy thinking about new solutions to 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>VH73154</td> </tr> </tbody> </table> <p>Issue: Desire for Learning</p>		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"/>	VH73150	b. I like activities that challenge my thinking abilities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH73151	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"/>	VH73155	d. I enjoy thinking about new solutions to problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH73154	<p>NC</p>	<p>N/A</p>
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<p>15. In this school year, how often have you done each of the following? Select one answer choice on each row. VH21367</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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> </thead> <tbody> <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>VH21370</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>VH21372</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>VH21374</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>VH21375</td> </tr> </tbody> </table> <p>(2019 Grade 4)</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"/>	VH21370	b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH21372	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"/>	VH21374	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"/>	VH21375	<p>9. In this school year, how often have you done each of the following? Select one answer choice on each row. VH21367</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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> </thead> <tbody> <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>VH21370</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>VH21372</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>VH21374</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>VH21375</td> </tr> </tbody> </table> <p>Issue: Grit</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"/>	VH21370	b. I paid attention and resisted distractions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH21372	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"/>	VH21374	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"/>	VH21375	<p>NC</p>	<p>N/A</p>
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Previous item	2021 item	D/A/ R/NC +	Rationale																																																																						
<p>21. In this school year, how often have you felt any of the following ways about your school? Select one answer choice on each row. VH21384</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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> </thead> <tbody> <tr> <td>a. I felt awkward and out of place at school.</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>VH21382</td> </tr> <tr> <td>b. I felt happy at school.</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>VH21384</td> </tr> <tr> <td>c. I felt that I learned something that I can use in my daily life.</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>VH33693</td> </tr> </tbody> </table> <p>(2019 Grade 4)</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 felt awkward and out of place at school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH21382	b. I felt happy at school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH21384	c. I felt that I learned something that I can use in my daily life.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH33693	<p>N/A</p>	<p>D</p>	<p>To keep student burden low, this item was dropped.</p>																																										
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Appendix J1-2: Operational Grade 4 (CORE)

VIH240387

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.

VIH240388

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

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. A desktop or laptop computer (including Chromebooks) that you can use	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VH591976
c. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VH271110

5. 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

6. 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

7. 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

8. 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

9. 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

2021 Operational Grade 8 Core Student

Previous item	2021 item	D/A/ R/NC +	Rationale
<p>3. Are you Hispanic or Latino? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> No, I am not Hispanic or Latino. <input type="radio"/> Yes, I am Mexican, Mexican American, or Chicano. <input type="radio"/> Yes, I am Puerto Rican or Puerto Rican American. <input type="radio"/> Yes, I am Cuban or Cuban American. <input type="radio"/> Yes, I am from some other Hispanic or Latino background. <p>(2019 Grade 8)</p>	<p>1. Are you Hispanic or Latino? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> No, I am not Hispanic or Latino. <input type="radio"/> Yes, I am Mexican, Mexican American, or Chicano. <input type="radio"/> Yes, I am Puerto Rican or Puerto Rican American. <input type="radio"/> Yes, I am Cuban or Cuban American. <input type="radio"/> Yes, I am from some other Hispanic or Latino background. <p>Issue: Race/Ethnicity</p>	NC	N/A
<p>4. Which of the following best describes you? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> White <input type="radio"/> Black or African American <input type="radio"/> Asian <input type="radio"/> American Indian or Alaska Native <input type="radio"/> Native Hawaiian or other Pacific Islander <p>(2019 Grade 8)</p>	<p>2. Which of the following best describes you? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> White <input type="radio"/> Black or African American <input type="radio"/> Asian <input type="radio"/> American Indian or Alaska Native <input type="radio"/> Native Hawaiian or other Pacific Islander <p>Issue: Race/Ethnicity</p>	NC	N/A
<p>5. About how many books are there in your home?</p> <ul style="list-style-type: none"> <input type="radio"/> Few (0-10) <input type="radio"/> Enough to fill one shelf (11-25) <input type="radio"/> Enough to fill one bookcase (26-100) <input type="radio"/> Enough to fill several bookcases (more than 100) <p>(2019 Grade 8)</p>	<p>3. About how many books are there in your home?</p> <ul style="list-style-type: none"> <input type="radio"/> Few (0-10) <input type="radio"/> Enough to fill one shelf (11-25) <input type="radio"/> Enough to fill one bookcase (26-100) <input type="radio"/> Enough to fill several bookcases (more than 100) <p>Issue: Socioeconomic Status</p>	NC	N/A

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

2021 Operational Grade 8 Core Student

Previous item	2021 item	D/A/ R/NC +	Rational e																																																
<p style="font-size: small;">6. Do you have any of the following in your home? Select one answer choice on each row. VHS7104</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th></th> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. Access to the Internet</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS7105</td> </tr> <tr> <td>b. Your own bedroom</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS36762</td> </tr> <tr> <td>c. A desktop or laptop computer (including Chromebooks) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS91976</td> </tr> <tr> <td>d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS7110</td> </tr> <tr> <td>e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS7112</td> </tr> </tbody> </table> <p style="font-size: large; margin-top: 20px;">(2019 Grade 8)</p>		Yes	No		a. Access to the Internet	<input type="radio"/>	<input type="radio"/>	VHS7105	b. Your own bedroom	<input type="radio"/>	<input type="radio"/>	VHS36762	c. A desktop or laptop computer (including Chromebooks) that you can use	<input type="radio"/>	<input type="radio"/>	VHS91976	d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="radio"/>	<input type="radio"/>	VHS7110	e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<input type="radio"/>	<input type="radio"/>	VHS7112	<p style="font-size: small;">4. Do you have any of the following in your home? Select one answer choice on each row. VHS7104</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th></th> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. Access to the Internet</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS7105</td> </tr> <tr> <td>b. Your own bedroom</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS36762</td> </tr> <tr> <td>c. A desktop or laptop computer (including Chromebooks) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS91976</td> </tr> <tr> <td>d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS7110</td> </tr> <tr> <td>e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-small;">VHS7112</td> </tr> </tbody> </table> <p style="font-size: large; margin-top: 20px;">Issue: Socioeconomic Status</p>		Yes	No		a. Access to the Internet	<input type="radio"/>	<input type="radio"/>	VHS7105	b. Your own bedroom	<input type="radio"/>	<input type="radio"/>	VHS36762	c. A desktop or laptop computer (including Chromebooks) that you can use	<input type="radio"/>	<input type="radio"/>	VHS91976	d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="radio"/>	<input type="radio"/>	VHS7110	e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<input type="radio"/>	<input type="radio"/>	VHS7112	NC	N/A
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<p style="font-size: small;">8. How many days were you absent from school in the last month? VHS4100</p> <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 or 2 days <input type="radio"/> 3 or 4 days <input type="radio"/> 5 to 10 days <input type="radio"/> More than 10 days <p style="font-size: large; margin-top: 20px;">(2019 Grade 8)</p>	<p style="font-size: small;">6. How many days were you absent from school in the last month? VHS4100</p> <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 or 2 days <input type="radio"/> 3 or 4 days <input type="radio"/> 5 to 10 days <input type="radio"/> More than 10 days <p style="font-size: large; margin-top: 20px;">Issue: School Climate</p>	NC	N/A																																																
<p style="font-size: small;">9. How often do you talk about things you have studied in school with someone in your family? VHS8109</p> <ul style="list-style-type: none"> <input type="radio"/> Never or hardly ever <input type="radio"/> Once every few weeks <input type="radio"/> About once a week <input type="radio"/> Two or three times a week <input type="radio"/> Every day <p style="font-size: large; margin-top: 20px;">(2019 Grade 8)</p>	<p style="font-size: small;">7. How often do you talk about things you have studied in school with someone in your family? VHS8109</p> <ul style="list-style-type: none"> <input type="radio"/> Never or hardly ever <input type="radio"/> Once every few weeks <input type="radio"/> About once a week <input type="radio"/> Two or three times a week <input type="radio"/> Every day <p style="font-size: large; margin-top: 20px;">Issue: Socioeconomic Status</p>	NC	N/A																																																

12. Does your mother work? VHS3076

- Yes
- No
- I don't know.

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<p>10. How far in school did your mother go?</p> <ul style="list-style-type: none"> <input type="radio"/> She did not finish high school. <input type="radio"/> She graduated from high school. <input type="radio"/> She had some education after high school. <input type="radio"/> She graduated from college. <input type="radio"/> I don't know. <p>(2019 Grade 8)</p>	<p>8. How far in school did your mother go?</p> <ul style="list-style-type: none"> <input type="radio"/> She did not finish high school. <input type="radio"/> She graduated from high school. <input type="radio"/> She had some education after high school. <input type="radio"/> She graduated from college. <input type="radio"/> I don't know. <p>Issue: Socioeconomic Status</p>	NC	N/A
<p>11. How far in school did your father go?</p> <ul style="list-style-type: none"> <input type="radio"/> He did not finish high school. <input type="radio"/> He graduated from high school. <input type="radio"/> He had some education after high school. <input type="radio"/> He graduated from college. <input type="radio"/> I don't know. <p>(2019 Grade 8)</p>	<p>9. How far in school did your father go?</p> <ul style="list-style-type: none"> <input type="radio"/> He did not finish high school. <input type="radio"/> He graduated from high school. <input type="radio"/> He had some education after high school. <input type="radio"/> He graduated from college. <input type="radio"/> I don't know. <p>Issue: Socioeconomic Status</p>	NC	N/A
<p>(2019 Grade 8)</p>	<p>10. Does your mother work?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know. <p>Issue: Socioeconomic Status</p>	NC	N/A
<p>13. Does your father work?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know. <p>(2019 Grade 8)</p>	<p>11. Does your father work?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know. <p>Issue: Socioeconomic Status</p>	NC	N/A

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2021 Operational Grade 8 Core Student

Previous item	2021 item	D/A/R/NC +	Rationale																												
<p>20. In this school year, how often have you felt any of the following ways about your school? Select one answer choice on each row.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 10%;">Never or hardly ever</th> <th style="width: 10%;">Less than half of the time</th> <th style="width: 10%;">About half of the time</th> <th style="width: 10%;">More than half of the time</th> <th style="width: 10%;">All or almost all of the time</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>a. I felt awkward and out of place at school.</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>VH271942</td> </tr> <tr> <td>b. I felt happy at school.</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>VH271944</td> </tr> <tr> <td>c. I felt that I learned something that I can use in my daily life.</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>VH336903</td> </tr> </tbody> </table> <p>(2019 Grade 8)</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 felt awkward and out of place at school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH271942	b. I felt happy at school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH271944	c. I felt that I learned something that I can use in my daily life.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH336903	<p>N/A</p>	<p>D</p>	<p>To keep student burden low, this item was dropped.</p>
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<p>21. Are you taking an art course this school year (for example, drawing, painting, or studio art)?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p>(2019 Grade 8)</p>	<p>18. Are you taking an art course this school year (for example, drawing, painting, or studio art)?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p>Issue: Educational Experiences</p>	<p>NC</p>	<p>N/A</p>																												

Appendix J1-4: Operational Grade 8 (CORE)

VIE240387

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.

VIE240388

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

VIE240186

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.

VH271104

	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

VH354591

5. 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

VH240190

6. 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

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?

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

11. Does **your father** work?

- A Yes
- B No
- C 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

13. 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

14. 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

15. 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"/>	<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.

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"/>	<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

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

2021 Operational Grade 4 Mathematics Student																																																	
Previous item	2021 item					D/A/ R/NC +	Rationale																																										
<p style="text-align: right; font-size: small;">VHE8015</p> <p>17. 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?</p> <p> <input type="radio"/> Never <input type="radio"/> Once <input type="radio"/> Two or three times <input type="radio"/> Four or five times <input type="radio"/> More than five times </p> <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VHE8015</p> <p>1. 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?</p> <p> <input type="radio"/> Never <input type="radio"/> Once <input type="radio"/> Two or three times <input type="radio"/> Four or five times <input type="radio"/> More than five times </p> <p>Issue: Organization of Instruction</p>					NC	N/A																																										
<p style="text-align: right; font-size: small;">VHE6415</p> <p>18. This school year, how often did the following things happen in your math class? Select one answer choice on each row.</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 10%;">Never or hardly ever</th> <th style="width: 10%;">Less than half of the time</th> <th style="width: 10%;">About half of the time</th> <th style="width: 10%;">More than half of the time</th> <th style="width: 10%;">All or almost all of the time</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>a. My teacher used computers or other digital devices when teaching math to my class.</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: x-small;">VHE88077</td> </tr> <tr> <td>b. My teacher required us to use computers or other digital devices to complete math assignments.</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: x-small;">VHE67419</td> </tr> </tbody> </table> <p>(2019 Grade 4)</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. 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"/>	VHE88077	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"/>	VHE67419	<p style="text-align: right; font-size: small;">VHE6415</p> <p>2. This school year, how often did the following things happen in your math class? Select one answer choice on each row.</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 10%;">Never or hardly ever</th> <th style="width: 10%;">Less than half of the time</th> <th style="width: 10%;">About half of the time</th> <th style="width: 10%;">More than half of the time</th> <th style="width: 10%;">All or almost all of the time</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>a. My teacher used computers or other digital devices when teaching math to my class.</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: x-small;">VHE88077</td> </tr> <tr> <td>b. My teacher required us to use computers or other digital devices to complete math assignments.</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right; font-size: x-small;">VHE67419</td> </tr> </tbody> </table> <p>Issue: Resources for Learning and Instruction</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. 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"/>	VHE88077	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"/>	VHE67419	NC	N/A
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<p style="text-align: right; font-size: small;">VHE8251</p> <p>19. How often do you use a calculator?</p> <p> <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 </p> <p>((2019 Grade 4))</p>	<p style="text-align: right; font-size: small;">VHE8251</p> <p>3. How often do you use a calculator?</p> <p> <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 </p> <p>Issue: Resources for Learning and Instruction</p>					NC	N/A																																										
<p style="text-align: right; font-size: small;">VHE8096</p> <p>20. How often do you use math in everyday life outside of school?</p> <p> <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 </p> <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VHE8096</p> <p>4. How often do you use math in everyday life outside of school?</p> <p> <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 </p> <p>Issue: Resources for Learning and Instruction</p>					NC	N/A																																										

2021 Operational Grade 4 Mathematics Student

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<p>22. How often do you receive help or tutoring with math outside of school or after school?</p> <ul style="list-style-type: none"> <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 <p>(2019 Grade 4)</p>	<p>6. How often do you receive help or tutoring with math outside of school or after school?</p> <ul style="list-style-type: none"> <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 <p>Issue: Resources for Learning and Instruction</p>	NC	N/A																																																								
<p>23. How often do you play digital games (for example, apps, video games, or computer games) outside of school that involve math?</p> <ul style="list-style-type: none"> <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 <p>(2019 Grade 4)</p>	<p>7. How often do you play digital games (for example, apps, video games, or computer games) outside of school that involve math?</p> <ul style="list-style-type: none"> <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 <p>Issue: Resources for Learning and Instruction</p>	NC	N/A																																																								

2021 Operational Grade 4 Mathematics Student

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<p>24. 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 4)</p>	<p>N/A</p>	<p>D</p>	<p>To keep student burden low, this item was dropped.</p>																																																																						
<p>25. 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 style="width: 20px; height: 15px;" type="text"/></p> <p>(2019 Grade 4)</p>	<p>N/A</p>	<p>D</p>	<p>To keep student burden low, this item was dropped.</p>																																																																						
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2021 Operational Grade 4 Mathematics Student

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Appendix J1-6: Operational Grade 4 (Mathematics)

VH350115

1. 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

2. 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"/> Ⓐ	<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

3. 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

4. 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

5. 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

6. How often do you receive help or tutoring with math **outside of school or after school**?

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

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

- 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

8. 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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	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

10. 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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844770
b. I look forward to my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844771
c. I am interested in the things I learn in math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844775
d. I think making an effort in math is worthwhile.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844772
e. I think math will help me even when I am not in school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844777
f. I think it is important to do well in math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844774

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

2021 Operational Grade 8 Mathematics Student			
Previous item	2021 item	D/A/ R/NC +	Rationale
<p style="font-size: small; text-align: right;">VIE0679</p> <p>22. What math class are you taking this year? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> Eighth-grade math <input type="radio"/> General eighth-grade math <input type="radio"/> Algebra I course <input type="radio"/> First year of a two-year algebra course <input type="radio"/> Second year of a two-year algebra course <input type="radio"/> Algebra I (one-year course) <input type="radio"/> Algebra II <input type="radio"/> Geometry <input type="radio"/> Other <p>(2019 Grade 8)</p>	<p style="font-size: small; text-align: right;">VIE0679</p> <p>1. What math class are you taking this year? Select one or more answer choices.</p> <ul style="list-style-type: none"> <input type="radio"/> Eighth-grade math <input type="radio"/> General eighth-grade math <input type="radio"/> Algebra I course <input type="radio"/> First year of a two-year algebra course <input type="radio"/> Second year of a two-year algebra course <input type="radio"/> Algebra I (one-year course) <input type="radio"/> Algebra II <input type="radio"/> Geometry <input type="radio"/> Other <p>Issue: Organization of Instruction</p>	NC	N/A
<p style="font-size: small; text-align: right;">VIE0006</p> <p>23. What math class do you expect to take next year?</p> <ul style="list-style-type: none"> <input type="radio"/> Geometry <input type="radio"/> Algebra II <input type="radio"/> Algebra I (one-year course) <input type="radio"/> First year of a two-year Algebra I course <input type="radio"/> Second year of a two-year Algebra I course <input type="radio"/> Introduction to algebra or pre-algebra <input type="radio"/> Basic or general math <input type="radio"/> Business or consumer math <input type="radio"/> Other math class <input type="radio"/> I don't know. <p>(2019 Grade 8)</p>	<p style="font-size: small; text-align: right;">VIE0006</p> <p>2. What math class do you expect to take next year?</p> <ul style="list-style-type: none"> <input type="radio"/> Geometry <input type="radio"/> Algebra II <input type="radio"/> Algebra I (one-year course) <input type="radio"/> First year of a two-year Algebra I course <input type="radio"/> Second year of a two-year Algebra I course <input type="radio"/> Introduction to algebra or pre-algebra <input type="radio"/> Basic or general math <input type="radio"/> Business or consumer math <input type="radio"/> Other math class <input type="radio"/> I don't know. <p>Issue: Organization of Instruction</p>	NC	N/A
<p style="font-size: small; text-align: right;">VIE0015</p> <p>24. 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?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> Once <input type="radio"/> Two or three times <input type="radio"/> Four or five times <input type="radio"/> More than five times <p>(2019 Grade 8)</p>	<p style="font-size: small; text-align: right;">VIE0015</p> <p>3. 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?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> Once <input type="radio"/> Two or three times <input type="radio"/> Four or five times <input type="radio"/> More than five times <p>Issue: Organization of Instruction</p>	NC	N/A

Previous item	2021 item	D/A/R/NC +	Rationale																																																								
<p>25. In your math class this year, how often have you used the following types of calculators? Select one answer choice on each row.</p> <table border="1" data-bbox="94 426 644 556"> <thead> <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> </thead> <tbody> <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>VHE26809</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>VHE26810</td> </tr> </tbody> </table> <p>(2019 Grade 8)</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. Basic calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VHE26809	b. Graphing calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VHE26810	<p>4. In your math class this year, how often have you used the following types of calculators? Select one answer choice on each row.</p> <table border="1" data-bbox="673 420 1242 567"> <thead> <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> </thead> <tbody> <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>VHE26809</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>VHE19485</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>VHE26810</td> </tr> </tbody> </table> <p>Issue: Resources for Learning and Instruction</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. Basic calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VHE26809	b. Scientific (not graphing) calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VHE19485	c. Graphing calculator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VHE26810	<p>A: sub-item “b”</p> <p>NC for SL and sub-items “a” and “c”</p>	<p>The “Scientific (not graphing) calculator” sub-item was dropped previously due to an oversight and is being reinstated to capture calculator features in mathematics as students progress from K to 12.</p>							
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<p>26. This school year, how often did the following things happen in your math class? Select one answer choice on each row.</p> <table border="1" data-bbox="94 1220 644 1591"> <thead> <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> </thead> <tbody> <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>VHE67416</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>VHE67417</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>VHE8077</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>VHE67419</td> </tr> </tbody> </table> <p>(2019 Grade 8)</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. 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"/>	VHE67416	b. I used the Internet for my math work.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VHE67417	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"/>	VHE8077	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"/>	VHE67419	<p>5. This school year, how often did the following things happen in your math class? Select one answer choice on each row.</p> <table border="1" data-bbox="673 1220 1242 1470"> <thead> <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> </thead> <tbody> <tr> <td>a. 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>VHE8077</td> </tr> <tr> <td>b. 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>VHE67419</td> </tr> </tbody> </table> <p>Issue: Resources for Learning and Instruction</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. 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"/>	VHE8077	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"/>	VHE67419	<p>R</p>	<p>To keep student burden low, sub-items a and b were dropped.</p>
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2021 Operational Grade 8 Mathematics Student

Previous item	2021 item	D/A/ R/NC+	Rationale																																																												
<p>27. In this school year, how often have you used a computer or other digital device (excluding handheld calculators) to look online for resources for help with your math assignments?</p> <p> <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 </p> <p>(2019 Grade 8)</p>	<p>N/A</p>	<p>D</p>	<p>To keep student burden low, this item has been dropped.</p>																																																												
<p>28. How often do you use math in everyday life outside of school?</p> <p> <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 </p> <p>(2019 Grade 8)</p>	<p>6. How often do you use math in everyday life outside of school?</p> <p> <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 </p> <p>Issue: Resources for Learning and Instruction</p>	<p>NC</p>	<p>N/A</p>																																																												
<p>29. How often do you participate in each of the following activities outside of school? Select one answer choice on each row.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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> </tr> </thead> <tbody> <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> </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> </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> </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> </tr> </tbody> </table> <p>(2019 Grade 8)</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	a. Talk about math problems with your friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	b. Program computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	c. Play an instrument and read music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	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"/>	<p>7. How often do you participate in each of the following activities outside of school? Select one answer choice on each row.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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> </tr> </thead> <tbody> <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> </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> </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> </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> </tr> </tbody> </table> <p>Issue: Resources for Learning and Instruction</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	a. Talk about math problems with your friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	b. Program computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	c. Play an instrument and read music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	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"/>	<p>NC</p>	<p>N/A</p>
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<p>30. How often do you receive help or tutoring with math outside of school or after school?</p> <p> <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 </p> <p>(2019 Grade 8)</p>	<p>8. How often do you receive help or tutoring with math outside of school or after school?</p> <p> <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 </p> <p>Issue: Resources for Learning and Instruction</p>	<p>NC</p>	<p>N/A</p>																																																												

2021 Operational Grade 8 Mathematics Student

Previous item	2021 item	D/A/	Rationale
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		R/NC +	
<small>VH03085</small> 31. Have you ever helped your friends with their math homework? <input type="radio"/> Yes <input type="radio"/> No (2019 Grade 8)	N/A	D	To keep student burden low, this item was dropped.
<small>VH09037</small> 32. Over the past seven days, how many days have you helped your friends with their math homework? Enter the number of days. <input type="text"/> (2019 Grade 8)	N/A	D	To keep student burden low, this item was dropped.
<small>VH04023</small> 33. Have you ever participated in a math study group outside of school? <input type="radio"/> Yes <input type="radio"/> No (2019 Grade 8)	N/A	D	To keep student burden low, this item was dropped.
<small>VH06025</small> 34. Over the past seven days, how many days have you participated in a math study group outside of school? Enter the number of days. <input type="text"/> (2019 Grade 8)	N/A	D	To keep student burden low, this item was dropped.
<small>VH06029</small> 20. How often do you play digital games (for example, apps, video games, or computer games) outside of school that involve math? <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 (2019 Grade 8)	<small>VH06029</small> 9. How often do you play digital games (for example, apps, video games, or computer games) outside of school that involve math? <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 Issue: Resources for Learning and Instruction	NC	N/A

36. 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.

VH46382

	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"/>	VH46382
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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH46383
c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH26769
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"/>	VH26762
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"/>	VH46399
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"/>	VH46910
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"/>	VH46902

(2019 Grade 8)

10. 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.

VH46382

	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"/>	VH46382
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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH46383
c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH26769
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"/>	VH26762
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"/>	VH46399
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"/>	VH46910
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"/>	VH46902

Issue: Student factors

NC

N/A

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

VH84470

	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"/>	VH84471
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"/>	VH84472
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"/>	VH84473
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"/>	VH84482

(2019 Grade 8)

N/A

D

To keep student burden low, this item was dropped.

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

VH84510

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH84517
b. I want to master a lot of new skills in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH84514
c. I want to become better in math this year.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH84515
d. I want to understand as much as I can in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH84518

(2019 Grade 8)

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

VH84510

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH84517
b. I want to master a lot of new skills in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH84514
c. I want to become better in math this year.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH84515
d. I want to understand as much as I can in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH84518

Issue: Student factors

NC

N/A

39. How much does each of the following statements describe you? Select one answer choice on each row. Y1844759

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844770
b. I look forward to my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844771
c. I am interested in the things I learn in math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844775
d. I think making an effort in math is worthwhile.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844772
e. I think math will help me even when I am not in school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844777
f. I think it is important to do well in math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844774

(2019 Grade 8)

12. How much does each of the following statements describe you? Select one answer choice on each row. Y1844760

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844770
b. I look forward to my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844771
c. I am interested in the things I learn in math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844775
d. I think making an effort in math is worthwhile.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844772
e. I think math will help me even when I am not in school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844777
f. I think it is important to do well in math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844774

Issue: Student Factors

NC

N/A

40. How much do you enjoy each of the following types of math activities? Select one answer choice on each row. Y1844763

	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"/>	Y1844764
b. Finding areas of shapes and figures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844765
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"/>	Y1844766
d. Solving equations or simplifying expressions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844750
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"/>	Y1844768
f. Working with geometric figures like rectangles and squares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844769

(2019 Grade 8)

13. How much do you enjoy each of the following types of math activities? Select one answer choice on each row. Y1844763

	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"/>	Y1844764
b. Finding areas of shapes and figures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844765
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"/>	Y1844766
d. Solving equations or simplifying expressions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844750
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"/>	Y1844768
f. Working with geometric figures like rectangles and squares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y1844769

Issue: Student Factors

NC

N/A

Appendix J1-8: Operational Grade 8 (Mathematics)

VH266769

1. 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

2. 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.

3. 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

4. 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

5. 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

6. 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

7. 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. Play an instrument and read music	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH268961
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"/> Ⓔ	VH268962

8. How often do you receive help or tutoring with math **outside of school or after school**?

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

9. 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

10. 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"/> Ⓔ	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"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH460383
c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH267679
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"/> Ⓔ	VH267682
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"/> Ⓔ	VH460399
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"/> Ⓔ	VH460910
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"/> Ⓔ	VH460902

11. 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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH845117
b. I want to master a lot of new skills in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH845114
c. I want to become better in math this year.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH845115
d. I want to understand as much as I can in my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH845118

12. 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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844770
b. I look forward to my math class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844771
c. I am interested in the things I learn in math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844775
d. I think making an effort in math is worthwhile.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844772
e. I think math will help me even when I am not in school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844777
f. I think it is important to do well in math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844774

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

	Enjoy not at all	Enjoy a 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"/>	VH844744
b. Finding areas of shapes and figures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844745
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"/>	VH844746
d. Solving equations or simplifying expressions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844750
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"/>	VH844748
f. Working with geometric figures like rectangles and squares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH844749

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

2021 Operational Grade 4 Reading Student			
Previous item	2021 item	D/A/ R/NC +	Rationale
<p style="text-align: right; font-size: small;">VH032853</p> <p>17. How often does your teacher ask you to discuss new or difficult vocabulary?</p> <ul style="list-style-type: none"> <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 <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VH032853</p> <p>1. How often does your teacher ask you to discuss new or difficult vocabulary?</p> <ul style="list-style-type: none"> <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 <p>Issue: Organization of Instruction</p>	NC	N/A
<p style="text-align: right; font-size: small;">VH032862</p> <p>18. For school this year, how often do you work in pairs or small groups to talk about something that you have read?</p> <ul style="list-style-type: none"> <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 <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VH032862</p> <p>2. For school this year, how often do you work in pairs or small groups to talk about something that you have read?</p> <ul style="list-style-type: none"> <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 <p>Issue: Organization of Instruction</p>	NC	N/A
<p style="text-align: right; font-size: small;">VH032871</p> <p>19. For school this year, how often do you have a class discussion about something that the class has read?</p> <ul style="list-style-type: none"> <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 <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VH032871</p> <p>3. For school this year, how often do you have a class discussion about something that the class has read?</p> <ul style="list-style-type: none"> <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 <p>Issue: Organization of Instruction</p>	NC	N/A
<p style="text-align: right; font-size: small;">VH08074</p> <p>20. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved reading?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> Once <input type="radio"/> Two or three times <input type="radio"/> Four or five times <input type="radio"/> More than five times <p>(2019 Grade 4)</p>	<p style="text-align: right; font-size: small;">VH08074</p> <p>4. 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?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> Once <input type="radio"/> Two or three times <input type="radio"/> Four or five times <input type="radio"/> More than five times <p>Issue: Organization of Instruction</p>	NC	N/A

2021 Operational Grade 4 Reading Student

Previous item	2021 item	D/A/ R/NC +	Rationale																																																																																																		
<p>21. On a typical school day, how much time do you use a computer or other digital device to do your English/language arts schoolwork?</p> <p style="text-align: right; font-size: small;">VH09636</p> <ul style="list-style-type: none"> <input type="radio"/> Less than 30 minutes <input type="radio"/> About 30 minutes <input type="radio"/> About 1 hour <input type="radio"/> About 2 hours <input type="radio"/> About 3 hours <input type="radio"/> 4 or more hours <p>(2019 Grade 4)</p>	<p>N/A</p>	<p>D</p>	<p>To keep student burden low, this item was dropped.</p>																																																																																																		
<p>22. 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?</p> <p style="text-align: right; font-size: small;">VH06030</p> <ul style="list-style-type: none"> <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 <p>(2019 Grade 4)</p>	<p>5. 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?</p> <p style="text-align: right; font-size: small;">VH06031</p> <ul style="list-style-type: none"> <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 <p>Issue: Resources for Learning and Instruction</p>	<p>NC</p>	<p>N/A</p>																																																																																																		
<p>23. Do you think you would be able to do each of the following when reading? Select one answer choice on each row.</p> <p style="text-align: right; font-size: small;">VH07050</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th></th> <th>I definitely can't</th> <th>I probably can't</th> <th>Maybe</th> <th>I probably can</th> <th>I definitely can</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. Figure out the meaning of a word you don't know by using other words in the text</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-x-small;">VH06049</td> </tr> <tr> <td>b. Explain the meaning of something you have read</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-x-small;">VH06049</td> </tr> <tr> <td>c. Figure out the main idea of a text</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="font-size: x-x-small;">VH06051</td> </tr> <tr> <td>d. 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2021 Operational Grade 4 Reading Student

Previous item	2021 item	D/A/R/NC +	Rationale																																																																						
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<p>26. How much does each of the following statements describe you? Select one answer choice on each row. VB844168</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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> </thead> <tbody> <tr> <td>a. Reading is one of my favorite activities.</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 style="font-size: x-small;">VB844169</td> </tr> <tr> <td>b. I like talking about books 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 style="font-size: x-small;">VB844170</td> </tr> <tr> <td>c. I think reading is important.</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 style="font-size: x-small;">VB844172</td> </tr> <tr> <td>d. I enjoy going to a bookstore or a library.</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 style="font-size: x-small;">VB844171</td> </tr> </tbody> </table> <p>(2019 Grade 4)</p>		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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB844169	b. I like talking about books with other people.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB844170	c. I think reading is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB844172	d. I enjoy going to a bookstore or a library.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB844171	<p>8. How much does each of the following statements describe you? Select one answer choice on each row. VB844168</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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> </thead> <tbody> <tr> <td>a. Reading is one of my favorite activities.</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 style="font-size: x-small;">VB844169</td> </tr> <tr> <td>b. I like talking about books 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 style="font-size: x-small;">VB844170</td> </tr> <tr> <td>c. I think reading is important.</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 style="font-size: x-small;">VB844172</td> </tr> <tr> <td>d. I enjoy going to a bookstore or a library.</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 style="font-size: x-small;">VB844171</td> </tr> </tbody> </table> <p>Issue: Student Factors</p>		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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB844169	b. I like talking about books with other people.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB844170	c. I think reading is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB844172	d. I enjoy going to a bookstore or a library.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB844171	<p>NC</p>	<p>N/A</p>
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2021 Operational Grade 4 Reading Student

Previous item	2021 item	D/A/R/NC +	Rationale																																																															
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Appendix J1-10: Operational Grade 4 (Reading)

VH332853

1. 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

2. 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

3. 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

4. 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

5. 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

6. 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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E260848
b. Explain the meaning of something you have read	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E260849
c. Figure out the main idea of a text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E260851
d. Find text in a reading passage to help you answer a question on a test	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E260859
e. Recognize when you don't understand something you are reading	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E260861
f. Recognize the difference between fact and opinion in a text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E260863

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 want to learn as much as possible in my English/language arts class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E844096
b. I want to become a better reader this year.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E844097
c. I want to understand as much as I can in my English/language arts class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E844098
d. I want to master a lot of new English/language arts skills in my class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	V1E844100

8. 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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI844169
b. I like talking about books with other people.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI844170
c. I think reading is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI844172
d. I enjoy going to a bookstore or a library.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI844171

9. 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

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

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

11. 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"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH260907
b. Read blogs	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH260913

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

2021 Operational Grade 8 Reading Student																																																																																											
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<p>23. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following? Select one answer choice on each row.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 10%;">Never or hardly ever</th> <th style="width: 10%;">Once in a while</th> <th style="width: 10%;">Sometimes</th> <th style="width: 10%;">Often</th> <th style="width: 10%;">Always or almost always</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>a. Evaluate the main evidence in a persuasive/argument passage</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;">VH260256</td> </tr> <tr> <td>b. Analyze the author's organization of information in a passage</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;">VH33142</td> </tr> </tbody> </table> <p style="margin-top: 20px;">(2019 Grade 8)</p>		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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH260256	b. Analyze the author's organization of information in a passage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH33142	<p>2. 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.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 10%;">Never or hardly ever</th> <th style="width: 10%;">Once in a while</th> <th style="width: 10%;">Sometimes</th> <th style="width: 10%;">Often</th> <th style="width: 10%;">Always or almost always</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>a. Evaluate the main evidence in a persuasive/argument passage</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;">VH260256</td> </tr> <tr> <td>b. Analyze the author's organization of information in a passage</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;">VH33142</td> </tr> </tbody> </table> <p style="margin-top: 20px;">Issue: Organization of Instruction</p>						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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH260256	b. Analyze the author's organization of information in a passage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH33142	NC	N/A																																										
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2021 Operational Grade 8 Reading Student

Previous item	2021 item	D/A/ R/NC +	Rationale
<p style="text-align: right; font-size: small;">VHS874</p> <p>25. 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?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> Once <input type="radio"/> Two or three times <input type="radio"/> Four or five times <input type="radio"/> More than five times <p>(2019 Grade 8)</p>	<p style="text-align: right; font-size: small;">VHS874</p> <p>4. 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?</p> <ul style="list-style-type: none"> <input type="radio"/> Never <input type="radio"/> Once <input type="radio"/> Two or three times <input type="radio"/> Four or five times <input type="radio"/> More than five times <p>Issue: Organization of Instruction</p>	NC	N/A
<p style="text-align: right; font-size: small;">VHS863</p> <p>26. On a typical school day, how much time do you use a computer or other digital device to do your English/language arts schoolwork?</p> <ul style="list-style-type: none"> <input type="radio"/> Less than 30 minutes <input type="radio"/> About 30 minutes <input type="radio"/> About 1 hour <input type="radio"/> About 2 hours <input type="radio"/> About 3 hours <input type="radio"/> 4 or more hours <p>(2019 Grade 8)</p>	N/A	D	To keep student burden low, this item was dropped.
<p style="text-align: right; font-size: small;">VHS851</p> <p>27. 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?</p> <ul style="list-style-type: none"> <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 <p>(2019 Grade 8)</p>	N/A	D	To keep student burden low, this item was dropped.

2021 Operational Grade 8 Reading Student

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2021 Operational Grade 8 Reading Student

Previous item	2021 item	D/A/ R/NC +	Rationale																																																																						
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2021 Operational Grade 8 Reading Student

Previous item	2021 item	D/A/R/NC +	Rationale																																																																						
<p>33. Besides doing homework, how much time do you spend reading outside of school?</p> <ul style="list-style-type: none"> <input type="radio"/> Less than 30 minutes a day <input type="radio"/> About 30 minutes a day <input type="radio"/> About 1 hour a day <input type="radio"/> About 2 hours a day <input type="radio"/> About 3 hours a day <input type="radio"/> 4 or more hours a day <p>(2019 Grade 8)</p>	<p>9. Besides doing homework, how much time do you spend reading outside of school?</p> <ul style="list-style-type: none"> <input type="radio"/> Less than 30 minutes a day <input type="radio"/> About 30 minutes a day <input type="radio"/> About 1 hour a day <input type="radio"/> About 2 hours a day <input type="radio"/> About 3 hours a day <input type="radio"/> 4 or more hours a day <p>Issue: Student Factors</p>	NC	N/A																																																																						
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Appendix J1-12: Operational Grade 8 (Reading)

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

VH332887

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH332888
b. Work in pairs or small groups to talk about something that you have read	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH332889

2. 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.

VH260254

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH260256
b. Analyze the author's organization of information in a passage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH333142

3. 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

4. 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

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

VH260847

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH260848
b. Explain the meaning of something you have read	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH260849
c. Figure out the main idea of a text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH260851
d. Find text in a reading passage to help you answer a question on a test	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH260859
e. Recognize when you don't understand something you are reading	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VH260861

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

VI1611300

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1260863
b. Judge the reliability of sources (for example, how a website might be biased or inaccurate)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1260857
c. Critique an author's craft or technique	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1260866
d. Use evidence from a text to support my answer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1616841
e. Identify the author's perspective in a persuasive text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1260868

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

VI1844081

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1844096
b. I want to become a better reader this year.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1844097
c. I want to understand as much as I can in my English/language arts class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1844098
d. I want to master a lot of new English/language arts skills in my class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI1844100

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

VI844168

	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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI844169
b. I like talking about books with other people.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI844170
c. I think reading is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI844172
d. I enjoy going to a bookstore or a library.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VI844171

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

VI598686

- 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

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

	Never	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"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH261066
b. Biographies	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH617043
c. E-mails	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH261074
d. Text messages	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH261075

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

- 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

12. 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. 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 J1-13: Summary of Operational Grade 4 Debrief

2021 Operational Grade 4 Debrief Student			
Previous item	2021 item	D/A/ R/NC +	Rationale
<p style="font-size: small; margin: 0;">VID2013</p> <p>1. How easy or difficult was this test?</p> <ul style="list-style-type: none"> <input type="radio"/> Extremely difficult <input type="radio"/> Quite difficult <input type="radio"/> Somewhat difficult <input type="radio"/> Somewhat easy <input type="radio"/> Quite easy <input type="radio"/> Extremely easy <p>(2019 Grade 4, 8, and 12)</p>	<p>N/A</p>	<p>D</p>	<p>To keep student burden low, this item was dropped.</p>
<p style="font-size: small; margin: 0;">VIE3368</p> <p>2. How much effort did you apply to succeed on this test?</p> <ul style="list-style-type: none"> <input type="radio"/> No effort at all <input type="radio"/> Very little effort <input type="radio"/> Some effort <input type="radio"/> Quite a bit of effort <input type="radio"/> A lot of effort <p>(2019 Grade 4, 8, and 12)</p>	<p style="font-size: small; margin: 0;">VIE3368</p> <p>1. How much effort did you apply to succeed on this test?</p> <ul style="list-style-type: none"> <input type="radio"/> No effort at all <input type="radio"/> Very little effort <input type="radio"/> Some effort <input type="radio"/> Quite a bit of effort <input type="radio"/> A lot of effort <p>Issue: Debrief</p>	<p>NC</p>	<p>N/A</p>

Appendix J1-14: 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 J1-15: Summary of Operational Grade 8 Debrief

2021 Operational Grade 8 Debrief Student			
Previous item	2021 item	D/A/ R/NC +	Rationale
<small style="float: right;">VH20013</small> <p>1. How easy or difficult was this test?</p> <ul style="list-style-type: none"> <input type="radio"/> Extremely difficult <input type="radio"/> Quite difficult <input type="radio"/> Somewhat difficult <input type="radio"/> Somewhat easy <input type="radio"/> Quite easy <input type="radio"/> Extremely easy <p>(2019 Grade 4, 8, and 12)</p>	<small style="float: right;">VH20013</small> <p>1. How easy or difficult was this test?</p> <ul style="list-style-type: none"> <input type="radio"/> Extremely difficult <input type="radio"/> Quite difficult <input type="radio"/> Somewhat difficult <input type="radio"/> Somewhat easy <input type="radio"/> Quite easy <input type="radio"/> Extremely easy <p>Issue: Debrief</p>	NC	N/A
<small style="float: right;">VH03658</small> <p>2. How much effort did you apply to succeed on this test?</p> <ul style="list-style-type: none"> <input type="radio"/> No effort at all <input type="radio"/> Very little effort <input type="radio"/> Some effort <input type="radio"/> Quite a bit of effort <input type="radio"/> A lot of effort <p>(2019 Grade 4, 8, and 12)</p>	<small style="float: right;">VH03658</small> <p>2. How much effort did you apply to succeed on this test?</p> <ul style="list-style-type: none"> <input type="radio"/> No effort at all <input type="radio"/> Very little effort <input type="radio"/> Some effort <input type="radio"/> Quite a bit of effort <input type="radio"/> A lot of effort <p>Issue: Debrief</p>	NC	N/A

Appendix J1-16: Operational Grade 8 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 J1-17: Operational Grade 4 COVID-19 Student Items (ELA) (New)

VR233341

1. Was your school building closed last school year because of the COVID-19 outbreak?
- Ⓐ Yes
 - Ⓑ No
 - Ⓒ I do not remember.

VR233349

2. During the last school year, did you attend this school or did you attend a different school?
- Ⓐ This school
 - Ⓑ Different school

VR233352

3. When your school was closed last school year because of the COVID-19 outbreak, did you have the following things available to you to complete your schoolwork or online classes? Select **one** answer choice on each row.

	Yes, available all the time	Yes, available some of the time	No	I do not remember.	
a. Access to high-speed internet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233416
b. A desktop computer, a laptop computer, or tablet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233417
c. A smartphone (for example, iPhone, Samsung Galaxy, HTC One)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233418
d. A printer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233419
e. School supplies (for example, paper and pencil)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233420
f. A quiet place to work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233421

4. When your school was closed last school year because of the COVID-19 outbreak, how often did the following things happen? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	I do not remember.	
a. My teacher was available to help me with English/language arts schoolwork (for example, through virtual office hours, phone, e-mail, chat).	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233428
b. My teacher asked me to work online with my classmates in small groups to complete English/language arts assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233429
c. My teacher asked me to take English/language arts quizzes and tests online.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233430

VR233342

5. When your school was closed last school year because of the COVID-19 outbreak, how difficult or easy did you find distance learning compared to learning at school?

- Ⓐ A lot more difficult than learning at school
- Ⓑ Somewhat more difficult than learning at school
- Ⓒ Somewhat easier than learning at school
- Ⓓ A lot easier than learning at school

VR251057

6. When your school was closed last school year because of the COVID-19 outbreak, how often did someone help you with your schoolwork?

- Ⓐ Never or hardly ever
- Ⓑ About once or twice a month
- Ⓒ About once or twice a week
- Ⓓ Every day or almost every day
- Ⓔ I do not remember.

7. When your school was closed last school year because of the COVID-19 outbreak, did any of the following people help you with your schoolwork or online classes? Select **one** answer choice on each row.

	Yes	No	
a. Mother, stepmother, foster mother or other female legal guardian	<input type="radio"/> A	<input type="radio"/> B	VR233460
b. Father, stepfather, foster father or other male legal guardian	<input type="radio"/> A	<input type="radio"/> B	VR233463
c. Brother or sister	<input type="radio"/> A	<input type="radio"/> B	VR233466
d. Other person	<input type="radio"/> A	<input type="radio"/> B	VR233467

8. Thinking about distance learning for your English/language arts class, do you think you would be able to do each of the following things? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize when you don't understand something you are learning	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR233442
b. Ask for help when you need it	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR233443
c. Find learning resources online to learn more about something you don't understand	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR233444

Appendix J1-18: Operational Grade 8 COVID-19 Student Items (ELA) (New)

VR233341

1. Was your school building closed last school year because of the COVID-19 outbreak?
- Ⓐ Yes
 - Ⓑ No
 - Ⓒ I do not remember.

VR233349

2. During the last school year, did you attend this school or did you attend a different school?
- Ⓐ This school
 - Ⓑ Different school

VR233352

3. When your school was closed last school year because of the COVID-19 outbreak, did you have the following things available to you to complete your schoolwork or online classes? Select **one** answer choice on each row.

	Yes, available all the time	Yes, available some of the time	No	I do not remember.	
a. Access to high-speed internet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233416
b. A desktop computer, a laptop computer, or tablet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233417
c. A smartphone (for example, iPhone, Samsung Galaxy, HTC One)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233418
d. A printer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233419
e. School supplies (for example, paper and pencil)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233420
f. A quiet place to work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233421

4. When your school was closed last school year because of the COVID-19 outbreak, how often did you do the following things for school? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	I do not remember.	
a. Use paper textbooks, workbooks, or worksheets	(A)	(B)	(C)	(D)	(E)	VR233422
b. Use online textbooks, workbooks, or worksheets	(A)	(B)	(C)	(D)	(E)	VR233423
c. Participate in real-time video lessons with your teacher (for example, on Google Meet or Zoom)	(A)	(B)	(C)	(D)	(E)	VR233425
d. Watch recorded lessons prepared by your teacher	(A)	(B)	(C)	(D)	(E)	VR233426
e. Watch instructional videos from other sources	(A)	(B)	(C)	(D)	(E)	VR233427

5. When your school was closed last school year because of the COVID-19 outbreak, how often did the following things happen? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	I do not remember.	
a. My teacher was available to help me with English/language arts schoolwork (for example, through virtual office hours, phone, e-mail, chat).	(A)	(B)	(C)	(D)	(E)	VR233428
b. My teacher asked me to work online with my classmates in small groups to complete English/language arts assignments.	(A)	(B)	(C)	(D)	(E)	VR233429
c. My teacher asked me to take English/language arts quizzes and tests online.	(A)	(B)	(C)	(D)	(E)	VR233430

6. When your school was closed last school year because of the COVID-19 outbreak, how difficult or easy did you find distance learning compared to learning at school?
- Ⓐ A lot more difficult than learning at school
 - Ⓑ Somewhat more difficult than learning at school
 - Ⓒ Somewhat easier than learning at school
 - Ⓓ A lot easier than learning at school

VR251057

7. When your school was closed last school year because of the COVID-19 outbreak, how often did someone help you with your schoolwork?
- Ⓐ Never or hardly ever
 - Ⓑ About once or twice a month
 - Ⓒ About once or twice a week
 - Ⓓ Every day or almost every day
 - Ⓔ I do not remember.

VR233362

8. When your school was closed last school year because of the COVID-19 outbreak, did any of the following people help you with your schoolwork or online classes? Select **one** answer choice on each row.

	Yes	No	
a. Mother, stepmother, foster mother or other female legal guardian	Ⓐ	Ⓑ	VR233460
b. Father, stepfather, foster father or other male legal guardian	Ⓐ	Ⓑ	VR233463
c. Brother or sister	Ⓐ	Ⓑ	VR233466
d. Other person	Ⓐ	Ⓑ	VR233467

VR233358

9. Thinking about distance learning for your English/language arts class, do you think you would be able to do each of the following things? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize when you don't understand something you are learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233442
b. Ask for help when you need it	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233443
c. Find learning resources online to learn more about something you don't understand	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233444

Appendix J1-19: Operational Grade 4 COVID-19 Student Items (Math) (New)

VR233341

1. Was your school building closed last school year because of the COVID-19 outbreak?
- Ⓐ Yes
 - Ⓑ No
 - Ⓒ I do not remember.

VR233349

2. During the last school year, did you attend this school or did you attend a different school?
- Ⓐ This school
 - Ⓑ Different school

VR233352

3. When your school was closed last school year because of the COVID-19 outbreak, did you have the following things available to you to complete your schoolwork or online classes? Select **one** answer choice on each row.

	Yes, available all the time	Yes, available some of the time	No	I do not remember.	
a. Access to high-speed internet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233416
b. A desktop computer, a laptop computer, or tablet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233417
c. A smartphone (for example, iPhone, Samsung Galaxy, HTC One)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233418
d. A printer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233419
e. School supplies (for example, paper and pencil)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233420
f. A quiet place to work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233421

4. When your school was closed last school year because of the COVID-19 outbreak, how often did the following things happen? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	I do not remember.	
a. My teacher was available to help me with math schoolwork (for example, through virtual office hours, phone, e-mail, chat).	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233431
b. My teacher asked me to work online with my classmates in small groups to complete math assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233432
c. My teacher asked me to take math quizzes and tests online.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233433

VR233342

5. When your school was closed last school year because of the COVID-19 outbreak, how difficult or easy did you find distance learning compared to learning at school?

- Ⓐ A lot more difficult than learning at school
- Ⓑ Somewhat more difficult than learning at school
- Ⓒ Somewhat easier than learning at school
- Ⓓ A lot easier than learning at school

VR251057

6. When your school was closed last school year because of the COVID-19 outbreak, how often did someone help you with your schoolwork?

- Ⓐ Never or hardly ever
- Ⓑ About once or twice a month
- Ⓒ About once or twice a week
- Ⓓ Every day or almost every day
- Ⓔ I do not remember.

7. When your school was closed last school year because of the COVID-19 outbreak, did any of the following people help you with your schoolwork or online classes? Select **one** answer choice on each row.

	Yes	No	
a. Mother, stepmother, foster mother or other female legal guardian	<input type="radio"/> A	<input type="radio"/> B	VR233460
b. Father, stepfather, foster father or other male legal guardian	<input type="radio"/> A	<input type="radio"/> B	VR233463
c. Brother or sister	<input type="radio"/> A	<input type="radio"/> B	VR233466
d. Other person	<input type="radio"/> A	<input type="radio"/> B	VR233467

8. Thinking about distance learning for your math class, do you think you would be able to do each of the following things? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize when you don't understand something you are learning	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR233447
b. Ask for help when you need it	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR233448
c. Find learning resources online to learn more about something you don't understand	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR233449

Appendix J1-20: Operational Grade 8 COVID-19 Student Items (Math) (New)

VR233341

1. Was your school building closed last school year because of the COVID-19 outbreak?
- Ⓐ Yes
 - Ⓑ No
 - Ⓒ I do not remember.

VR233349

2. During the last school year, did you attend this school or did you attend a different school?
- Ⓐ This school
 - Ⓑ Different school

VR233352

3. When your school was closed last school year because of the COVID-19 outbreak, did you have the following things available to you to complete your schoolwork or online classes? Select **one** answer choice on each row.

	Yes, available all the time	Yes, available some of the time	No	I do not remember.	
a. Access to high-speed internet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233416
b. A desktop computer, a laptop computer, or tablet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233417
c. A smartphone (for example, iPhone, Samsung Galaxy, HTC One)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233418
d. A printer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233419
e. School supplies (for example, paper and pencil)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233420
f. A quiet place to work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR233421

4. When your school was closed last school year because of the COVID-19 outbreak, how often did you do the following things for school? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	I do not remember.	
a. Use paper textbooks, workbooks, or worksheets	(A)	(B)	(C)	(D)	(E)	VR233422
b. Use online textbooks, workbooks, or worksheets	(A)	(B)	(C)	(D)	(E)	VR233423
c. Participate in real-time video lessons with your teacher (for example, on Google Meet or Zoom)	(A)	(B)	(C)	(D)	(E)	VR233425
d. Watch recorded lessons prepared by your teacher	(A)	(B)	(C)	(D)	(E)	VR233426
e. Watch instructional videos from other sources	(A)	(B)	(C)	(D)	(E)	VR233427

5. When your school was closed last school year because of the COVID-19 outbreak, how often did the following things happen? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	I do not remember.	
a. My teacher was available to help me with math schoolwork (for example, through virtual office hours, phone, e-mail, chat).	(A)	(B)	(C)	(D)	(E)	VR233431
b. My teacher asked me to work online with my classmates in small groups to complete math assignments.	(A)	(B)	(C)	(D)	(E)	VR233432
c. My teacher asked me to take math quizzes and tests online.	(A)	(B)	(C)	(D)	(E)	VR233433

6. When your school was closed last school year because of the COVID-19 outbreak, how difficult or easy did you find distance learning compared to learning at school?
- Ⓐ A lot more difficult than learning at school
 - Ⓑ Somewhat more difficult than learning at school
 - Ⓒ Somewhat easier than learning at school
 - Ⓓ A lot easier than learning at school

VR251057

7. When your school was closed last school year because of the COVID-19 outbreak, how often did someone help you with your schoolwork?
- Ⓐ Never or hardly ever
 - Ⓑ About once or twice a month
 - Ⓒ About once or twice a week
 - Ⓓ Every day or almost every day
 - Ⓔ I do not remember.

VR233362

8. When your school was closed last school year because of the COVID-19 outbreak, did any of the following people help you with your schoolwork or online classes? Select **one** answer choice on each row.

	Yes	No	
a. Mother, stepmother, foster mother or other female legal guardian	Ⓐ	Ⓑ	VR233460
b. Father, stepfather, foster father or other male legal guardian	Ⓐ	Ⓑ	VR233463
c. Brother or sister	Ⓐ	Ⓑ	VR233466
d. Other person	Ⓐ	Ⓑ	VR233467

VR233359

9. Thinking about distance learning for your math class, do you think you would be able to do each of the following things? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize when you don't understand something you are learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233447
b. Ask for help when you need it	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233448
c. Find learning resources online to learn more about something you don't understand	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR233449

Appendix J1-21: Online Grade 4 Student Items (CORE) (New)

1. 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)

2. 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

3. 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

4. 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

5. 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

6. 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.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271370
b. I paid attention and resisted distractions.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271372
c. I stayed on task without reminders from my teacher.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271374
d. I paid attention in class even when I was not interested.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271375

Appendix J1-22: Online Grade 8 Student Items (CORE) (New)

1. 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)

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

3. 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

4. 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

5. 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

6. 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.

7. 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.

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

VH271144

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

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me	
a. I 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

10. 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

11. 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"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH271370
b. I paid attention and resisted distractions.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH271372
c. I stayed on task without reminders from my teacher.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH271374
d. I paid attention in class even when I was not interested.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH271375

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

- A Yes
 B No

Appendix J1-23: Online Grade 4 Student Items (Reading) (New)

1. 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

2. 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

3. 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

4. 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

5. 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

6. 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	(A)	(B)	(C)	(D)	(E)	VH260848
b. Explain the meaning of something you have read	(A)	(B)	(C)	(D)	(E)	VH260849
c. Figure out the main idea of a text	(A)	(B)	(C)	(D)	(E)	VH260851
d. Find text in a reading passage to help you answer a question on a test	(A)	(B)	(C)	(D)	(E)	VH260859
e. Recognize when you don't understand something you are reading	(A)	(B)	(C)	(D)	(E)	VH260861
f. Recognize the difference between fact and opinion in a text	(A)	(B)	(C)	(D)	(E)	VH260863

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

8. 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

9. 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

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

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

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

VR192186

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

Appendix J1-24: Online Grade 8 Student Items (Reading) (New)

1. 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	(A)	(B)	(C)	(D)	(E)	VH332888
b. Work in pairs or small groups to talk about something that you have read	(A)	(B)	(C)	(D)	(E)	VH332889

2. 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	(A)	(B)	(C)	(D)	(E)	VH260256
b. Analyze the author's organization of information in a passage	(A)	(B)	(C)	(D)	(E)	VH333142

3. 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

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

5. 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

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

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

8. 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

9. 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

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

	Never	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"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH261066
b. Biographies	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH617043
c. E-mails	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH261074
d. Text messages	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH261075

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

- 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

12. 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. 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 J1-25: Online Grade 4 Student Items (Math) (New)

1. 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

2. 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

3. 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

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

5. How often do you receive help or tutoring with math **outside of school or after school**?

- 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

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

- 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

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. Estimate the weight of 5 apples using pounds (lbs.)	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH267674
b. Divide 42 stickers among 6 students	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH617317
c. 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"/> Ⓔ	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"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH267683

8. 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"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH845117
b. I want to master a lot of new skills in my math class.	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH845114
c. I want to become better in math this year.	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH845115
d. I want to understand as much as I can in my math class.	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	VH845118

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

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	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 J1-26: Online Grade 8 Student Items (Math) (New)

1. 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

2. 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.

3. 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

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

5. 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

6. 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"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH268946
b. Program computers	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH268949
c. Play an instrument and read music	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH268961
d. Go to websites 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	VH268962

7. How often do you receive help or tutoring with math **outside of school or after school**?

- 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

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

- 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

9. 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH460383
c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH267679
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH267682
e. Give an example to show that a math statement is false	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH460399
f. Explain to your classmate how you solved a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH460910
g. Use correct mathematical words and symbols when showing your work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH460902

10. 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.	(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

11. 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.	(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

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

	Enjoy not at all	Enjoy a little bit	Enjoy somewhat	Enjoy quite a bit	Enjoy a lot	
a. Addition, subtraction, multiplication, and division	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844744
b. Finding areas of shapes and figures	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844745
c. Solving for probabilities and events (for example, card, coin, marble, and spinner problems)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844746
d. Solving equations or simplifying expressions	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844750
e. Constructing and building different types of graphs (for example, bar graph, line graph, or box and whisker plots)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844748
f. Working with geometric figures like rectangles and squares	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844749

Appendix J1-27: Online Grade 4 COVID-19 Student Items (ELA) (New)

1. While doing distance learning this school year, did you have the following things available to you to complete your schoolwork or online classes? Select **one** answer choice on each row.

	Yes, available all the time	Yes, available some of the time	No	
a. Access to high-speed internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267098
b. A desktop computer, a laptop computer, or tablet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267099
c. A smartphone (for example, iPhone, Samsung Galaxy, HTC One)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267103
d. A printer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267101
e. School supplies (for example, paper and pencil)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267102
f. A quiet place to work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267100

2. While doing distance learning this school year, how often did the following things happen? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	
a. My teacher was available to help me with English/language arts schoolwork (for example, through virtual office hours, phone, e-mail, chat).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267114
b. My teacher asked me to work online with my classmates in small groups to complete English/language arts assignments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267116
c. My teacher asked me to take English/language arts quizzes and tests online.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267115

3. How difficult or easy do you find distance learning compared to learning at school?
- A lot more difficult than learning at school
 - Somewhat more difficult than learning at school
 - Somewhat easier than learning at school
 - A lot easier than learning at school

4. While doing distance learning this school year, how often did someone help you with your schoolwork?
- Never or hardly ever
 - About once or twice a month
 - About once or twice a week
 - Every day or almost every day

5. While doing distance learning this school year, did any of the following people help you with your schoolwork or online classes? Select **one** answer choice on each row.

	Yes	No	
a. Mother, stepmother, foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VR267135
b. Father, stepfather, foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VR267142
c. Brother or sister	<input type="radio"/>	<input type="radio"/>	VR267141
d. Other person	<input type="radio"/>	<input type="radio"/>	VR267138

6. Thinking about distance learning for your English/language arts class, do you think you would be able to do each of the following things? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize when you don't understand something you are learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233442
b. Ask for help when you need it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233443
c. Find learning resources online to learn more about something you don't understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233444

7. During the last school year, did you attend this school or did you attend a different school?

- This school
 Different school

Appendix J1-28: Online Grade 8 COVID-19 Student Items (ELA) (New)

1. While doing distance learning this school year, did you have the following things available to you to complete your schoolwork or online classes? Select **one** answer choice on each row.

	Yes, available all the time	Yes, available some of the time	No	
a. Access to high-speed internet	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	VR267098
b. A desktop computer, a laptop computer, or tablet	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	VR267099
c. A smartphone (for example, iPhone, Samsung Galaxy, HTC One)	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	VR267103
d. A printer	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	VR267101
e. School supplies (for example, paper and pencil)	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	VR267102
f. A quiet place to work	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	VR267100

2. While doing distance learning this school year, how often did you do the following things for school? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Use paper textbooks, workbooks, or worksheets	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	VR267107
b. Use online textbooks, workbooks, or worksheets	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	VR267108
c. Participate in real-time video lessons with your teacher (for example, on Google Meet or Zoom)	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	VR267110
d. Watch recorded lessons prepared by your teacher	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	VR267111
e. Watch instructional videos from other sources	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	VR267109

3. While doing distance learning this school year, how often did the following things happen? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	
a. My teacher was available to help me with English/language arts schoolwork (for example, through virtual office hours, phone, e-mail, chat).	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	VR267114
b. My teacher asked me to work online with my classmates in small groups to complete English/language arts assignments.	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	VR267116
c. My teacher asked me to take English/language arts quizzes and tests online.	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	VR267115

4. How difficult or easy do you find distance learning compared to learning at school?

- Ⓐ A lot more difficult than learning at school
- Ⓑ Somewhat more difficult than learning at school
- Ⓒ Somewhat easier than learning at school
- Ⓓ A lot easier than learning at school

5. While doing distance learning this school year, how often did someone help you with your schoolwork?

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

6. While doing distance learning this school year, did any of the following people help you with your schoolwork or online classes? Select **one** answer choice on each row.

VR267134

	Yes	No	
a. Mother, stepmother, foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VR267135
b. Father, stepfather, foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VR267142
c. Brother or sister	<input type="radio"/>	<input type="radio"/>	VR267141
d. Other person	<input type="radio"/>	<input type="radio"/>	VR267138

7. Thinking about distance learning for your English/language arts class, do you think you would be able to do each of the following things? Select **one** answer choice on each row.

VR233358

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize when you don't understand something you are learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233442
b. Ask for help when you need it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233443
c. Find learning resources online to learn more about something you don't understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233444

8. During the last school year, did you attend this school or did you attend a different school?

VR233349

- This school
 Different school

Appendix J1-29: Online Grade 4 COVID-19 Student Items (Math) (New)

1. While doing distance learning this school year, did you have the following things available to you to complete your schoolwork or online classes? Select **one** answer choice on each row.

	Yes, available all the time	Yes, available some of the time	No	
a. Access to high-speed internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267098
b. A desktop computer, a laptop computer, or tablet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267099
c. A smartphone (for example, iPhone, Samsung Galaxy, HTC One)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267103
d. A printer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267101
e. School supplies (for example, paper and pencil)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267102
f. A quiet place to work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267100

2. While doing distance learning this school year, how often did the following things happen? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	
a. My teacher was available to help me with math schoolwork (for example, through virtual office hours, phone, e-mail, chat).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267129
b. My teacher asked me to work online with my classmates in small groups to complete math assignments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267131
c. My teacher asked me to take math quizzes and tests online.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267130

VR267132

3. How difficult or easy do you find distance learning compared to learning at school?
- Ⓐ A lot more difficult than learning at school
 - Ⓑ Somewhat more difficult than learning at school
 - Ⓒ Somewhat easier than learning at school
 - Ⓓ A lot easier than learning at school

VR267133

4. While doing distance learning this school year, how often did someone help you with your schoolwork?
- Ⓐ Never or hardly ever
 - Ⓑ About once or twice a month
 - Ⓒ About once or twice a week
 - Ⓓ Every day or almost every day

VR267134

5. While doing distance learning this school year, did any of the following people help you with your schoolwork or online classes? Select **one** answer choice on each row.

	Yes	No	
a. Mother, stepmother, foster mother or other female legal guardian	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VR267135
b. Father, stepfather, foster father or other male legal guardian	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VR267142
c. Brother or sister	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VR267141
d. Other person	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VR267138

6. Thinking about distance learning for your math class, do you think you would be able to do each of the following things? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize when you don't understand something you are learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233447
b. Ask for help when you need it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233448
c. Find learning resources online to learn more about something you don't understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233449

7. During the last school year, did you attend this school or did you attend a different school?
- This school
 - Different school

Appendix J1-30: Online Grade 8 COVID-19 Student Items (Math) (New)

1. While doing distance learning this school year, did you have the following things available to you to complete your schoolwork or online classes? Select **one** answer choice on each row.

	Yes, available all the time	Yes, available some of the time	No	
a. Access to high-speed internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267098
b. A desktop computer, a laptop computer, or tablet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267099
c. A smartphone (for example, iPhone, Samsung Galaxy, HTC One)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267103
d. A printer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267101
e. School supplies (for example, paper and pencil)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267102
f. A quiet place to work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267100

2. While doing distance learning this school year, how often did you do the following things for school? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Use paper textbooks, workbooks, or worksheets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267107
b. Use online textbooks, workbooks, or worksheets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267108
c. Participate in real-time video lessons with your teacher (for example, on Google Meet or Zoom)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267110
d. Watch recorded lessons prepared by your teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267111
e. Watch instructional videos from other sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267109

3. While doing distance learning this school year, how often did the following things happen? Select **one** answer choice on each row.

	Never or hardly ever	About once or twice a month	About once or twice a week	Every day or almost every day	
a. My teacher was available to help me with math schoolwork (for example, through virtual office hours, phone, e-mail, chat).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267129
b. My teacher asked me to work online with my classmates in small groups to complete math assignments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267131
c. My teacher asked me to take math quizzes and tests online.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR267130

4. How difficult or easy do you find distance learning compared to learning at school?

- A lot more difficult than learning at school
 Somewhat more difficult than learning at school
 Somewhat easier than learning at school
 A lot easier than learning at school

5. While doing distance learning this school year, how often did someone help you with your schoolwork?

- Never or hardly ever
 About once or twice a month
 About once or twice a week
 Every day or almost every day

6. While doing distance learning this school year, did any of the following people help you with your schoolwork or online classes? Select **one** answer choice on each row.

VR267134

	Yes	No	
a. Mother, stepmother, foster mother or other female legal guardian	<input type="radio"/>	<input type="radio"/>	VR267135
b. Father, stepfather, foster father or other male legal guardian	<input type="radio"/>	<input type="radio"/>	VR267142
c. Brother or sister	<input type="radio"/>	<input type="radio"/>	VR267141
d. Other person	<input type="radio"/>	<input type="radio"/>	VR267138

7. Thinking about distance learning for your math class, do you think you would be able to do each of the following things? Select **one** answer choice on each row.

VR233359

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Recognize when you don't understand something you are learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233447
b. Ask for help when you need it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233448
c. Find learning resources online to learn more about something you don't understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VR233449

8. During the last school year, did you attend this school or did you attend a different school?

VR233349

- This school
 Different school