NATIONAL CENTER FOR EDUCATION STATISTICS NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

National Assessment of Education Progress (NAEP) 2019 and 2020 Long-Term Trend (LTT) 2020 Update 2

Appendix K4

Long Term Trend (LTT) 2020 Student Questionnaires

OMB# 1850-0928 v.16

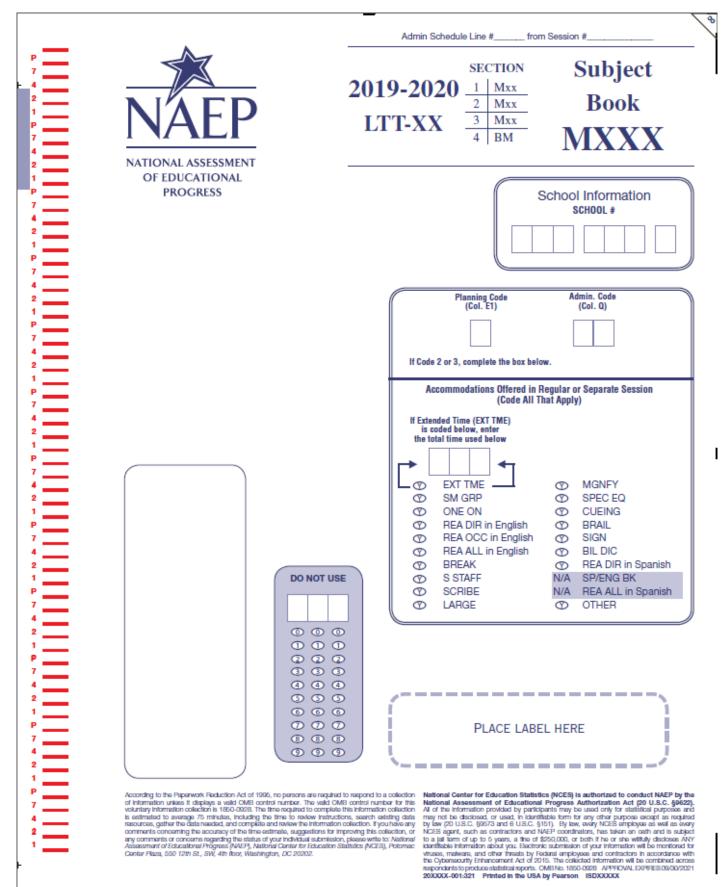


March 2019 No changes since v.15 Appendix F of this submission provides the library of possible items to be used in the NAEP 2019 and 2020 questionnaires. This appendix (Appendix K4) includes the final version of the LTT 2020 Student questionnaires, as well as a summary of any minor, nonsubstantive, wording changes made as a result of a final review. In addition, note that some of the questionnaires will utilize spiraling in order to minimize respondent burden while maximizing the amount of items that can be piloted. The spiral maps for these questionnaires are also included.

Table of Contents

Appendix K4-1: Summary of Changes Operational Age 9 Mathematics	3
Appendix K4-2: Operational Age 9 Mathematics	5
Appendix K4-3: Summary of Changes Operational Age 13 Mathematics	8
Appendix K4-4: Operational Age 13 Mathematics	11
Appendix K4-5: Summary of Changes Operational Age 17 Mathematics	14
Appendix K4-6: Operational Age 17 Mathematics	18
Appendix K4-7: Summary of Changes Operational Age 9 Reading	22
Appendix K4-8: Operational Age 9 Reading	25
Appendix K4-9: Summary of Changes Operational Age 13 Reading	28
Appendix K4-10: Operational Age 13 Reading	31
Appendix K4-11: Summary of Changes Operational Age 17 Reading	34
Appendix K4-12: Operational Age 17 Reading	

Sample NAEP Questionnaire Cover Page



3

Previous item	2019/2020 LTT item	D/RV/ NC	Rationale		
 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. (2019 Grade 4, 8, and 12; Appendix F p. 10 #6) Which of the following best describes you? Select one or more answer choices. 	 VBABILAS VBABILAS VBABILAS Are you Hispanic or Latino? Fill in one or more ovals. 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. 	NC	N/A N/A		
 White Black or African American Asian American Indian or Alaska Native Native Hawaiian or other Pacific Islander (2019 Grade 4, 8, and 12; Appendix F p.10 #7)	 White Black or African American Asian American Indian or Alaska Native Native Hawaiian or other Pacific Islander 				
 5. About how many books are there in your home? Few (0-10) Enough to fill one shelf (11-25) Enough to fill one bookcase (26-100) Enough to fill several bookcases (more than 100) (2019 Grade 4, 8, and 12; Appendix F p.10 #8) 	 5. About how many books are there in your home? Tew (0–10) Enough to fill one shelf (11–25) Enough to fill one bookcase (26–100) Enough to fill several bookcases (more than 100) 	NC	N/A		
VIETTINE VIETTINE VIETTINE No A cases to the Internet © O VIETTINE I. A cases to the Internet © O VIETTINE I. Your own bedroom © O VIETTINE I. A cases to the Internet © © VIETTINE I. A cases to the Internet © © VIETTINE I. A case to the Internet © © VIETTINE I. A case to the Internet © © VIETTINE I. A case to the Internet © © VIETTINE I. A case to the Internet © VIETTINE I. A table (for example, Surface Pro, iPad, Kindle Fire) that you can use © VIETTINE I. A smartphone (for example, iPhone, Samsung Calaxy, HTC One) that you can © VIETTINE <th (<="" colspan="2" td=""><td> 6. Is there a computer at home that you use? ③ Yes ③ No </td><td>RV</td><td>This item was revised and incorporate d into a matrix item (sub-item "c") for 2019 operationa</td></th>	<td> 6. Is there a computer at home that you use? ③ Yes ③ No </td> <td>RV</td> <td>This item was revised and incorporate d into a matrix item (sub-item "c") for 2019 operationa</td>		 6. Is there a computer at home that you use? ③ Yes ③ No 	RV	This item was revised and incorporate d into a matrix item (sub-item "c") for 2019 operationa
 6. About how many pages a day do you have to read in school and for homework? 5 or fewer 6-10 11-15 16-20 More than 20 (2015 Grade 4, 8, and 12; Appendix F p. 376 #6) 	 8. About how many pages a day do you have to read in school and for homework? 5 or fewer 6-10 11-15 16-20 More than 20 	NC	N/A		

Previous item	2019/2020 LTT item	D/RV/	Rationale				
Alternate version (for VH811369) About how many hours a day do you spend on your English/language arts homework? A. Less than 30 minutes a day	9. How much time did you spend on homework yesterday? An alte						
 B. 30 minutes up to 1 hour a day C. 1 up to 2 hours a day D. 2 up to 3 hours a day E. 3 up to 4 hours a day F. More than 4 hours a day 	 No homework was assigned. I had homework but didn't do it. Less than 1 hour 		version to this LTT item was tested in				
(2018 Grade 4, 8, and 12 Appendix F p.179 alternate version for VH811369)	1 to 2 hoursMore than 2 hours		cognitive lab in Writing.				
 9. How often do you talk about things you have studied in school with someone in your family? Onever or hardly ever Operating for much set of the set	10. How often do you talk about things you have studied in school with someone in your family?	NC	N/A				
 Once every few weeks About once a week 	Never or hardly ever						
Two or three times a week	③ Once every few weeks						
© Every day	© About once a week						
	Two or three times a week						
(2019 Grade 4, 8, and 12; Appendix F p.12 #12)	© Every day						
 How many days were you absent from school in the last month? None 	11. How many days were you absent from school in the last month?		N/A				
© 1 or 2 days	(3) None						
© 3 or 4 days © 5 to 10 days	③ 1 or 2 days						
D More than 10 days	© 3 or 4 days						
	© 5 to 10 days						
(2019 Grade 4, 8, and 12; Appendix F p.24 #11)							
VB331451	© More than 10 days	NC					
9. How often do people in your home talk to each other in a language other than English?	13. How often do people in your home tal to each other in a language other than English?	NC	N/A				
(b) Never	Never						
(1) Once in a while	Once in a while						
© About half of the time	© About half of the time						
	All or most of the time						
(2015 Grade 4, 8, and 12; Appendix F p. 377 #9)							

Appendix K4-2: Operational Age 9 Mathematics

- VB331330 1. Are you Hispanic or Latino? Fill in one or more ovals. А No, I am not Hispanic or Latino. В Yes, I am Mexican, Mexican American, or Chicano. С Yes, I am Puerto Rican or Puerto Rican American. D Yes, I am Cuban or Cuban American. Е Yes, I am from some other Hispanic or Latino background. VB331331 2. Which of the following best describes you? Fill in one or more ovals. А White В Black or African American С Asian D American Indian or Alaska Native Е Native Hawaiian or other Pacific Islander VB331335
- 3. 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)
- **4.** Is there a computer at home that you use?
 - A Yes
 - B No

- 5. About how many pages a day do you have to read in school and for homework?
 - A 5 or fewer
 - В 6-10
 - С 11–15
 - D 16–20
 - E More than 20
- 6. How much time did you spend on homework yesterday?
 - A No homework was assigned.
 - B I had homework but didn't do it.
 - C Less than 1 hour
 - D 1 to 2 hours
 - E More than 2 hours

VB331339

BO001200

- 7. How often do you talk about things you have studied in school with someone in your family?
 - A Never or hardly ever
 - B Once every few weeks
 - C About once a week
 - D Two or three times a week
 - E Every day

- 8. 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

- 9. How often do people in your home talk to each other in a language other than English?
 - A Never
 - B Once in a while
 - C About half of the time
 - D All or most of the time

Previous item	2019/2020 LTT item	D/ RV/N	Rationale
 Are you Hispanic or Latino? Select one or more answer choices. A No. Loss and Massima Lating. 	 VB331330 Are you Hispanic or Latino? Fill in one or more ovals. 	c NC	N/A
 No, I am not Hispanic or Latino. Yes, I am Mexican, Mexican American, or Chicano. 	No, I am not Hispanic or Latino.		
© Yes, I am Puerto Rican or Puerto Rican American.	[®] Yes. I am Mexican. Mexican		
 Tes, I am Cuban or Cuban American. Yes, I am from some other Hispanic or Latino background. 	American, or Chicano.		
	© Yes, I am Puerto Rican or Puerto Rican American.		
(2019 Grade 4, 8, and 12; Appendix F p. 23 #6)	Tes, I am Cuban or Cuban American.		
(2017 Grade 4, 0, and 12, Appendix 1 p. 23 #0)	Types, I am from some other Hispanic or Latino background.		
4. Which of the following best describes you? Select one or more answer choices.	2. Which of the following best describes you? Fill in one or more ovals.	NC	N/A
D Black or African American	(3) White		
© Asian © American Indian or Alaska Native	Black or African American		
© Native Hawaiian or other Pacific Islander	© Asian		
(2019 Grade 4, 8, and 12; Appendix F p. 23 #7)	Native Hawaiian or other Pacific Islander		
5. About how many books are there in your home?	5. About how many books are there in your home?	NC	N/A
 Few (0-10) Enough to fill one shelf (11-25) 	ℰ Few (0–10)		
 Enough to fill one bookcase (26–100) Enough to fill several bookcases (more than 100) 	^(B) Enough to fill one shelf (11–25)		
Lindigh to fin several bookcases (note than 100)	© Enough to fill one bookcase (26–100)		
(2019 Grade 4, 8, and 12; Appendix F p. 23 #8)	D Enough to fill several bookcases (more than 100)		
6. Do you have any of the following in your home? Select one answer choice on each row.	6. Is there a computer at home that	RV	This item
Yes No	you use?		was revised
a. Access to the Internet O WHYLIGS b. Your own bedroom O WHINE	Yes		and incorporate
e. A desktop or laptop computer (including Chromebooks) that you can use D	No		d into a
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use Ø Ø Warrine			matrix iten
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can ϖ ϖ werrin			(sub-item
use			"c") for
(2019 Grade 4, 8, and 12; Appendix F p. 24 #9)			2019
	TB001101	NC	operationa N/A
6. About how many pages a day do you have to read in school and for homework?	8. About how many pages a day do you have to read in school and for homework?		
I 5 or fewer	③ 5 or fewer		
③ 6–10	③ 6–10		
© 11-15	© 11–15		
© 16–20	© 16–20		
© More than 20	More than 20		

1	2019/2020 LTT item	RV/N	Rationale
(2015 Grade 4, 8, and 12; Appendix F p. 380 #6)		С	
Alternate version (for VH811369)	B001200	RV	An
About how many hours a day do you spend on your English/language arts homework?	9. How much time did you spend on	RV	
A. Less than 30 minutes a day	homework yesterday?		alternate
 B. 30 minutes up to 1 hour a day C. 1 up to 2 hours a day 	No homework was assigned.		version to
D. 2 up to 3 hours a day E. 3 up to 4 hours a day	I had homework but didn't do it.		this LTT
F. More than 4 hours a day	© Less than 1 hour		item was
			tested in
	© 1 to 2 hours		cognitive
(2018 Grade 4, 8, and 12; Appendix F p. 193 alternate	© More than 2 hours		lab in
version for VH811369)			Writing.
VIDA(IS)	VB33133	NC	N/A
How often do you talk about things you have studied in school with someone in your family?	 How often do you talk about things you have studied in school with someone in 		
Never or hardly ever	your family?		
D Once every few weeks	Never or hardly ever		
 About once a week Two or three times a week 	③ Once every few weeks		
© Every day	© About once a week		
	Two or three times a week		
2019 Grade 4, 8, and 12; Appendix F p. 25 #12)	© Every day		
 How many days were you absent from school in the last month? 	11. How many days were you absent from	NC	N/A
 None 	school in the last month?		
D 1 or 2 days	(a) None		
© 3 or 4 days			
 5 to 10 days More than 10 days 	I or 2 days		
	© 3 or 4 days		
(2019 Grade 4, 8, and 12; Appendix F p. 24 #11)	© 5 to 10 days		
	D More than 10 days		N1/A
10. How far in school did your mother go?	13. How far in school did your mother go?	INC	N/A
She did not finish high school.She graduated from high school.	She did not finish high school.		
 She had some education after high school. She graduated from college. 	③ She graduated from high school.		
D I don't know.	She had some education after high school.		
	She graduated from college.		
(2019 Grade 8 and 12; Appendix F p. 25 #13)	© I don't know.		
11. How far in school did your father go?	14. How far in school did your father go?	NC	N/A
The did not finish high school.	He did not finish high school.		
 D He graduated from high school. C He had some education after high school. 	B He graduated from high school.		
 The first solid concentration and fingh section. The graduated from college. 	© He had some education after high		
© I don't know.	school.		
© I don't know. (2019 Grade 8 and 12; Appendix F p. 25 #14)	school. He graduated from college.		

Previous item	2019/2020 LTT item	D/ RV/N C	Rationale	
 9. How often do people in your home talk to each other in a language other than English? ② Never ③ Once in a while ③ About half of the time ① All or most of the time (2015 Grade 4, 8, and 12; Appendix F p. 381 #11) 	 VB33145 15. How often do people in your home talk to each other in a language other than English? A Never Once in a while About half of the time All or most of the time 	NC	N/A	
 22. What math class are you taking this year? Select one or more answer choices. © Eighth-grade math © General eighth-grade math © Algebra I course © Second year of a two-year algebra course © Algebra I (one-year course) © Algebra II © Geometry © Other (2019 Grade 8; Appendix F p. 103 #25) 	 16. What kind of mathematics are you taking this year? ③ I am not taking mathematics this year. ③ Regular mathematics ④ Pre-algebra ④ Algebra ④ Other 	RV	This item was revise for 2019 operationa	

Appendix K4-4: Operational Age 13 Mathematics

		VB331330
1.	Are you Hispanic or Latino? Fill in one or more ovals .	
А	No, I am not Hispanic or Latino.	
В	Yes, I am Mexican, Mexican American, or Chicano.	
С	Yes, I am Puerto Rican or Puerto Rican American.	
D	Yes, I am Cuban or Cuban American.	
Е	Yes, I am from some other Hispanic or Latino background.	
		VB331331
2		¥B351351
2.	Which of the following best describes you? Fill in one or more ovals .	
А	White	
В	Black or African American	
С	Asian	
D	American Indian or Alaska Native	
Е	Native Hawaiian or other Pacific Islander	
		VB331335
3.	About how many books are there in your home?	¥B331333
5.	About how many books are there in your home?	
А	Few (0–10)	
В	Enough to fill one shelf (11–25)	
С	Enough to fill one bookcase (26–100)	
D	Enough to fill several bookcases (more than 100)	
		VB331336
		v B33133b
4.	Is there a computer at home that you use?	

- A Yes
- B No

5. About how many pages a day do you have to read in school and for homework?

- A 5 or fewer
- В 6–10
- С 11–15
- D 16–20
- E More than 20

BO001200

6. How much time did you spend on homework yesterday?

- A No homework was assigned.
- B I had homework but didn't do it.
- C Less than 1 hour
- D 1 to 2 hours
- E More than 2 hours

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - A Never or hardly ever
 - B Once every few weeks
 - C About once a week
 - D Two or three times a week
 - E Every day

- 8. 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

VB330871

- **9.** How far in school did your mother go?
 - A She did not finish high school.
 - B She graduated from high school.
 - C She had some education after high school.
 - D She graduated from college.
 - E I don't know.
- **10.** How far in school did your father go?
 - A He did not finish high school.
 - B He graduated from high school.
 - C He had some education after high school.
 - D He graduated from college.
 - E I don't know.

VB331451

BO004801

- **11.** How often do people in your home talk to each other in a language other than English?
 - A Never
 - B Once in a while
 - C About half of the time
 - D All or most of the time

12. What kind of mathematics are you taking this year?

- A I am not taking mathematics this year.
- B Regular mathematics
- C Pre-algebra
- D Algebra
- E Other

Previous item	2019/2020 LTT item	D/	Rationale
	VB331330	RV/NC	
 Are you Hispanic or Latino? Select one or more answer choices. No, I am not Hispanic or Latino. 	 Are you Hispanic or Latino? Fill in one or more ovals. 	NC	N/A
 Yes, I am Mexican, Mexican American, or Chicano. Yes, I am Puerto Rican or Puerto Rican American. 	③ No, I am not Hispanic or Latino.		
Tes, I am Cuban or Cuban American.Yes, I am from some other Hispanic or Latino background.	Tes, I am Mexican, Mexican American, or Chicano.		
	© Yes, I am Puerto Rican or Puerto Rican American.		
(2019 Grade 4, 8, and 12; Appendix F p. 37	D Yes, I am Cuban or Cuban American.		
#5)	D Yes, I am from some other Hispanic or Latino background.		
 Which of the following best describes you? Select one or more answer choices. White 	 Which of the following best describes you? Fill in one or more ovals. 	NC	N/A
 Writte Black or African American Asian 	(D) White		
D American Indian or Alaska Native	Black or African American		
D Native Hawaiian or other Pacific Islander	© Asian		
(2019 Grade 4, 8, and 12; Appendix F p. 37 #6)	D Native Hawaiian or other Pacific Islander		
5. About how many books are there in your home?	5. About how many books are there in your home?	NC	N/A
 Few (0-10) Enough to fill one shelf (11–25) 			
© Enough to fill one bookcase (26–100)	Enough to fill one shelf (11–25)		
D Enough to fill several bookcases (more than 100)	© Enough to fill one bookcase (26–100)		
(2019 Grade 4, 8, and 12; Appendix F p. 37 #7)	D Enough to fill several bookcases (more than 100)		
6. Do you have any of the following in your home? Select one answer choice on each row. NUTLINE	6. Is there a computer at home that	RV	This item
Yes No	you use?		was
a. Access to the Internet @ @ WB71105	(A) Yes		revised
b. Your own bedroom © wasses	W ICS		and
c. A desktop or laptop computer (including Chromebooks) that you can use	B No		incorpor
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use			ated into
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can Ф Ф унглиз			a matrix
use			
			item
(2019 Grade 4, 8, and 12; Appendix F p. 37			(sub-
#8)			item "c")
			for 2019
			operatio
			nal.

Previous item	2019/2020 LTT item	D/	Rationale
TB001101	тво01101	RV/NC	
6. About how many pages a day do you	8. About how many pages a day do you have to read in school and for	NC	N/A
have to read in school and for homework?	homework?		
© 5 or fewer	S or fewer		
③ 6–10	③ 6–10		
© 11-15	© 11-15		
D 16-20	© 16-20		
© More than 20	© More than 20		
(2015 Grade 4, 8, and 12; Appendix F p. 384	• More than 20		
# 6)			
Alternate version (for VH811369)	B001200	RV	An
About how many hours a day do you spend on your English/language arts homework?	9. How much time did you spend on homework yesterday?		alternate
A. Less than 30 minutes a day B. 30 minutes up to 1 hour a day	③ No homework was assigned.		version
C. 1 up to 2 hours a day D. 2 up to 3 hours a day			to this
E. 3 up to 4 hours a day F. More than 4 hours a day	I had homework but didn't do it.		LTT item
r. More than 4 hours a day	© Less than 1 hour		was
	© 1 to 2 hours		tested in
(2018 Grade 4, 8, and 12; Appendix F p. 228	D More than 2 hours		cognitive
alternate version for VH811369)			lab in
			Writing.
9. How often do you talk about things you have studied in school with someone in	10. How often do you talk about things you	NC	N/A
your family?	have studied in school with someone in		
O Never or hardly ever	your family?		
Once every few weeks About once a week	Never or hardly ever		
D Two or three times a week	Once every few weeks		
© Every day	© About once a week		
(2019 Grade 4, 8, and 12; Appendix F p.39	^(D) Two or three times a week		
#11)	© Every day		
	VB331447	NC	N/A
8. How many days were you absent from school in the last month?	11. How many days were you absent from school in the last month?	INC	
 None 1 or 2 days 	(2) None		
© 3 or 4 days	③ 1 or 2 days		
 5 to 10 days More than 10 days 			
	© 3 or 4 days		
(2019 Grade 4, 8, and 12; Appendix F p. 38	© 5 to 10 days		
#10)	© More than 10 days		
10. How far in school did your mother go?	13. How far in school did your mother go?	NC	N/A
 She did not finish high school. She graduated from high school 	③ She did not finish high school.		
 D She graduated from high school. D She had some education after high school. 	③ She graduated from high school.		
D She graduated from college.D I don't know.	© She had some education after high school.		
(2019 Grade 8 and 12; Appendix F p. 39 #12)	She graduated from college.		
(2017 Grade o and 12, Appendix F p. 39 #12)			
	I don't know.		

Previous item	2019/2020 LTT item	D/ RV/NC	Rationale	
11. How far in school did your father go?	14. How far in school did your father go?	NC	N/A	
He did not finish high school.He graduated from high school.	He did not finish high school.			
 C He had some education after high school. D He graduated from college. 	The graduated from high school.			
D I don't know.	C He had some education after high school.			
(2019 Grade 8 and 12; Appendix F p. 39 #13)	He graduated from college.			
	© I don't know.			
9. How often do people in your home talk to each other in a language other than English?	VB331451 15. How often do people in your home talk to each other in a language other than English?	NC	N/A	
Never	Never			
③ Once in a while	③ Once in a while			
© About half of the time	© About half of the time			
All or most of the time All or most of the tim	All or most of the time			
(2015 Grade 4, 8, and 12; Appendix F p. 385 #11)				
 23. Which of the following best describes your high school program? 	16. Which of the following best describes your high school program?	NC	N/A	
 Academic or college preparatory Vocational or technical 	(3) General			
(2019 Grade 12; Appendix F p. 49 #28)	③ Academic or college preparatory			
	© Vocational or technical			

Previous i	tem							2019/2020 LTT item	D/ RV/NC	Rationale
24. Which courses have you taken from eighth grade to the present? If you have taken a course more than once, give the most recent year you took it. INCLUDE courses taken in summer school, but DO NOT INCLUDE topics that were only taught as part of a longer course (such as trigonometry taught in drafting class or computer programming taught in Algebra II). Select one answer choice on each row.				LUDE cours only taught ss or comput	es t as	VH240819	Questions 17–23. Counting what you are taking now, have you ever take mathematics courses? Fill in only one oval on each line. Have	RV	This item was revised	
	I have never	I took this course in	I took this	I took this	I took this	I took this		taken		for 2019
	taken this course.	or before Grade 8.	course in Grade 9.	course in Grade 10.	course in Grade 11.	course in Grade 12.		17. General, business, or consumer (2) mathematics		operatio
 Basic or general mathematics course 	۵	٢	©	۵	©	©	VH240820	18. Pre-algebra or introduction to algebra		nal.
 Tech-prep mathematics, business mathematics, consumer 	®	٩	Ø	Ø	©	©	VH240844	19. First-year algebra		
mathematics, or other applied mathematics course	۵	٢	0	Ű	Ð	Ð	VILLOUDHA	20. Second-year algebra 💿		
 Introduction to algebra or pre-algebra course 	۲	٩	ø	۵	©	©	VH240822	21. Geometry 🕲		
Algebra I course	۲	٢	©	Ø	©	©	VH240823	22. Trigonometry		
. Geometry course	۲	(1)	O	٥	٢	©	VH240824			
 Algebra II course, with or without trigonometry 	۲	٢	ø	۵	©	©	VH240825	23. Pre-calculus or calculus (2)		
Trigonometry (as a separate course)	۲	٢	o	0	©	©	VH240826			
 Pre-calculus course (also called introductory 	۵	8	©	Ø	C	®	VH240833			
analysis) i. Integrated mathematics 1 (first year of a multi-year course)	۲	(1)	©	۵	©	©	VH240841			
. Integrated mathematics 2 (second year of a multi-year course)	۲	3	Ø	Ø	۵	Ø	VH240842			
 Integrated mathematics 3 (third year of a multi-year course) 	۲	€	©	٥	٢	©	VH240843			
Integrated mathematics 4 (fourth year of a multi-year course)	۵	(1)	Ø	۵	Φ	©	VH240821			
n. Probability or statistics course	۲	(3)	©	۵	9	٢	VH240836			
n. Calculus course	۲	3	©	۵	0	©	VH240829			
 Computer programming course (such as C++, Visual Basic, etc.) 	۲	٩	Θ	۵	Θ	Ð	VH240835			

Appendix K4-6: Operational Age 17 Mathematics

		VB331330
1.	Are you Hispanic or Latino? Fill in one or more ovals .	
А	No, I am not Hispanic or Latino.	
В	Yes, I am Mexican, Mexican American, or Chicano.	
С	Yes, I am Puerto Rican or Puerto Rican American.	
D	Yes, I am Cuban or Cuban American.	
Е	Yes, I am from some other Hispanic or Latino background.	
		VB331331
2		VD331331
2.	Which of the following best describes you? Fill in one or more ovals .	
А	White	
В	Black or African American	
С	Asian	
D	American Indian or Alaska Native	
Е	Native Hawaiian or other Pacific Islander	
		10001005
_		VB331335
3.	About how many books are there in your home?	
А	Few (0–10)	
В	Enough to fill one shelf (11–25)	
С	Enough to fill one bookcase (26–100)	
D	Enough to fill several bookcases (more than 100)	
		VB331336
		v doo1336
4.	Is there a computer at home that you use?	

- A Yes
- B No

5. About how many pages a day do you have to read in school and for homework?

- A 5 or fewer
- В 6–10
- С 11–15
- D 16–20
- E More than 20

BO001200

6. How much time did you spend on homework yesterday?

- A No homework was assigned.
- B I had homework but didn't do it.
- C Less than 1 hour
- D 1 to 2 hours
- E More than 2 hours

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - A Never or hardly ever
 - B Once every few weeks
 - C About once a week
 - D Two or three times a week
 - E Every day

- 8. 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

VB330871

- **9.** How far in school did your mother go?
 - A She did not finish high school.
 - B She graduated from high school.
 - C She had some education after high school.
 - D She graduated from college.
 - E I don't know.
- **10.** How far in school did your father go?
 - A He did not finish high school.
 - B He graduated from high school.
 - C He had some education after high school.
 - D He graduated from college.
 - E I don't know.

VB331451

- **11.** How often do people in your home talk to each other in a language other than English?
 - A Never
 - B Once in a while
 - C About half of the time
 - D All or most of the time

HE002549

- **12.** Which of the following best describes your high school program?
 - A General
 - B Academic or college preparatory
 - C Vocational or technical

13. Counting what you are taking now, have you ever taken any of the following mathematics courses? Fill in only one oval on each line.

	Have taken	Have not taken	
a. General, business, or consumer mathematics	А	В	VC373212
b. Pre-algebra or introduction to algebra	А	В	VC373213
c. First-year algebra	А	В	VC373217
d. Second-year algebra	A	В	VC373220
e. Geometry	A	В	VC373221
f. Trigonometry	А	В	VC373222
g. Pre-calculus or calculus	A	В	VC373224

	Age 9 Long-Term Trend Reading St	uaent	1
Previous item	2019/2020 LTT item	D/ RV/ NC	Rationale
 Are you Hispanic or Latino? Select one or more answer choices. No, I am not Hispanic or Latino. 	1. Are you Hispanic or Latino? Fill in one or more ovals.	NC	N/A
Yes, I am Mexican, Mexican American, or Chicano.	No, I am not Hispanic or Latino.		
 © 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. 	Yes, I am Mexican, Mexican American, or Chicano.		
	© Yes, I am Puerto Rican or Puerto Rican American.		
(2019 Grade 4, 8, and 12; Appendix F p. 10 #6)	Yes, I am Cuban or Cuban American.		
	② Yes, I am from some other Hispanic or Latino background.		
 Which of the following best describes you? Select one or more answer choices. White 	 Which of the following best describes you? Fill in one or more ovals. 	NC	N/A
Black or African American	(3) White		
⊘ Asian ⊕ American Indian or Alaska Native	Black or African American		
D Native Hawaiian or other Pacific Islander	© Asian		
(2019 Grade 4, 8, and 12; Appendix F p.10 #7)	Native Hawaiian or other Pacific Islander		
 5. About how many books are there in your home? ③ Few (0-10) 	5. About how many books are there in your home?	NC	N/A
D Enough to fill one shelf (11–25)			
 © Enough to fill one bookcase (26–100) © Enough to fill several bookcases (more than 100) 	^(D) Enough to fill one shelf (11–25)		
	© Enough to fill one bookcase (26–100)		
(2019 Grade 4, 8, and 12 Appendix F p.10 #8)	Description (Description)		
terms	 6. Is there a computer at home that you use? ② Yes ③ No 	RV	This item was revised and incorpora ted into a matrix item (sub-item "c") for 2019 operatio
			operatio
			nal.

2019/2020 Operational	Age 9 Long-Term Trend Reading Stu	udent	
Previous item	2019/2020 LTT item	D/ RV/ NC	Rationale
6. About how many pages a day do you have to read in school and for homework?	8. About how many pages a day do you have to read in school and for homework?	NC	N/A
	③ 5 or fewer		
③ 6-10	B 6–10		
© 11-15	© 11–15		
© 16–20	D 16-20		
More than 20	© More than 20		
(2015 Grade 4, 8, and 12; Appendix F p. 376			
#6)			
Alternate version (for VH811369) About how many hours a day do you spend on your English/language arts homework? A. Less than 30 minutes a day	9. How much time did you spend on homework yesterday?	RV	An alternate
 B. 30 minutes up to 1 hour a day C. 1 up to 2 hours a day 	③ No homework was assigned.		version
D. 2 up to 3 hours a day E. 3 up to 4 hours a day	I had homework but didn't do it.		to this LTT item
F. More than 4 hours a day	© Less than 1 hour		was
	© 1 to 2 hours		tested in
(2018 Grade 4, 8, and 12; Appendix F p.179	© More than 2 hours		cognitive
alternate version for VH811369)			lab in
	V VB331339	NC	Writing.
 9. How often do you talk about things you have studied in school with someone in your family? O Never or hardly ever 	10. How often do you talk about things you have studied in school with someone in your family?	INC	N/A
• Once every few weeks	Never or hardly ever		
 About once a week Two or three times a week 	③ Once every few weeks		
© Every day	© About once a week		
(2019 Grade 4, 8, and 12; Appendix F p.12	Two or three times a week		
(2017 Grade 4, 6, and 12, Appendix F p.12 #12)	© Every day		
 8. How many days were you absent from school in the last month? O None 	11. How many days were you absent from school in the last month?	NC	N/A
© 1 or 2 days	③ None		
© 3 or 4 days © 5 to 10 days	I or 2 days		
D More than 10 days	© 3 or 4 days		
(2019 Grade 4, 8, and 12; Appendix F p.24	© 5 to 10 days		
(2017 Grade 4, 6, and 12, Appendix F p.24 #11)	© More than 10 days		
9. How often do people in your home talk to each other in a language other than English?	13. How often do people in your home talk to each other in a language other than English?	NC	N/A
(b) Never	Never		
Once in a while	[®] Once in a while		
About half of the time About half of	© About half of the time		
 All or most of the time 			

	20)19/2	020	Oper	atior	nal	Age 9 Long-Term Tren	d Rea	ding S	tuden	t	
Previous item							2019/2020 LTT item				D/ RV/ NC	Rationale
(2015 Grade #9)	4, 8, <i>a</i>	and 12	; Appe	ndix F	p. 377	7						
 How much does each choice on each row. 	h of the follow	ving statemen	ts describe yo	u? Select one	answer	VH844168	14. How often do you do each of the fo	llowing this	ngs?		RV	The 2019
	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me			Almost every day	Once or twice a week	Once or twice a month		operatio nal
 Reading is one of my favorite activities. 	۵	8	©	Ø	©	VH844169	a. Read for fun on your own time.	Ø	B	0		version
 I like talking about books with other people. 	۵	ß	©	Ø	©	VH844170	b. Tell a friend about a good book.	\odot	®	O		of this LTT item
c. I think reading is important.	۵	0	©	Ø	©	VH844172						has
d. I enjoy going to a bookstore or a library.	0	8	©	Ø	©	VH844171						revised
bookstore of a fibrary.		I		I	I	<u> </u>						response
(2019 Crado	1 2 -	nd 12	• 1000	ndiv E	n 50							options
(2019 Grade	4, 0, 8		, Appe		p.37							and sub-
#10)												item
												wording.

Appendix K4-8: Operational Age 9 Reading

		VB331330
1.	Are you Hispanic or Latino? Fill in one or more ovals .	
А	No, I am not Hispanic or Latino.	
В	Yes, I am Mexican, Mexican American, or Chicano.	
С	Yes, I am Puerto Rican or Puerto Rican American.	
D	Yes, I am Cuban or Cuban American.	
Е	Yes, I am from some other Hispanic or Latino background.	
		VB331331
2.	Which of the following best describes you? Fill in one or more ovals .	12001001
А	White	
В	Black or African American	
С	Asian	
D	American Indian or Alaska Native	
Е	Native Hawaiian or other Pacific Islander	
		VB331335
		40331333
3.	About how many books are there in your home?	
А	Few (0–10)	
В	Enough to fill one shelf (11–25)	
С	Enough to fill one bookcase (26–100)	
D	Enough to fill several bookcases (more than 100)	
		1000000
		VB331336

- **4.** Is there a computer at home that you use?
 - A Yes
 - B No

BO001200

5. About how many pages a day do you have to read in school and for homework?

- A 5 or fewer
- В 6–10
- С 11–15
- D 16–20
- E More than 20

6. How much time did you spend on homework yesterday?

- A No homework was assigned.
- B I had homework but didn't do it.
- C Less than 1 hour
- D 1 to 2 hours
- E More than 2 hours

VB331339

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

A Never or hardly ever

- B Once every few weeks
- C About once a week
- D Two or three times a week
- E Every day

VB331447

8. 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

- **9.** How often do people in your home talk to each other in a language other than English?
 - A Never
 - B Once in a while
 - C About half of the time
 - D All or most of the time

SO003500

	Almost every day	Once or twice a week	Once or twice a month	A few times a year	Never or hardly ever	
a. Read for fun on your own time.	А	В	С	D	E	VC375071
b. Tell a friend about a good book.	А	В	С	D	Е	VC375073

10. How often do you do each of the following things?

Previous item	Age 13 Long-Term Trend Reading S 2019/2020 LTT item	D/	Rationale
	VB331330	RV/NC	N/A
 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. 	 Are you Hispanic or Latino? Fill in one or more ovals. No, I am not Hispanic or Latino. 		
C Yes, I am Puerto Rican or Puerto Rican American.D Yes, I am Cuban or Cuban American.	 Wes, I am Mexican, Mexican American, or Chicano. 		
© Yes, I am from some other Hispanic or Latino background.	© Yes, I am Puerto Rican or Puerto Rican American.		
	 The American The American 		
(2019 Grade 4, 8, and 12; Appendix F p.23 #6)	 Yes, I am from some other Hispanic or Latino background. 		
4. Which of the following best describes you? Select one or more answer choices.	2. Which of the following best describes you? Fill in one or more ovals.	NC	N/A
White Black or African American	(2) White		
 Asian American Indian or Alaska Native Native Hawaiian or other Pacific Islander 	Black or African American		
W Prative Flawanan of other Pacific Islander	© Asian © American Indian or Alaska Native		
(2019 Grade 4, 8, and 12; Appendix F p. 23 #7)	 There are indian of Alaska Native Native Hawaiian or other Pacific 		
	Islander VB331335		
 5. About how many books are there in your home? ③ Few (0-10) 	5. About how many books are there in your home?	NC	N/A
 Enough to fill one shelf (11–25) 			
© Enough to fill one bookcase (26–100)	Enough to fill one shelf (11–25)		
D Enough to fill several bookcases (more than 100)	© Enough to fill one bookcase (26–100)		
(2019 Grade 4, 8, and 12; Appendix F p. 23 #8)	 Enough to fill several bookcases (more than 100) 		
6. Do you have any of the following in your home? Select one answer choice on each row.	6. Is there a computer at home that vou use?	RV	This item was
Yes No a. Access to the Internet Φ Φ			revised
b. Your own bedroom 💿 💿	Yes		and
c. A desktop or laptop computer (including Chromebooks) that you can use	No No		incorpora
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use			ted into a
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use			matrix
			item
(2019 Grade 4, 8, and 12; Appendix F p. 24 #9)			(sub-iten
			"c") for
			2019
			operatior
			al.

-	Age 13 Long-Term Trend Reading S		
Previous item	2019/2020 LTT item	D/ RV/NC	Rationale
6. About how many pages a day do you have to read in school and for homework?	8. About how many pages a day do you have to read in school and for homework?	NC	N/A
③ 5 or fewer	③ 5 or fewer		
(D 6–10	③ 6–10		
© 11–15	© 11–15		
D 16-20	© 16-20		
D More than 20	© More than 20		
(2015 Grade 4, 8, and 12; Appendix F p. 380 #6)			
Alternate version (for VH811369)	9. How much time did you spend on	RV	An
About how many hours a day do you spend on your English/language arts homework? A. Less than 30 minutes a day	homework yesterday?		alternate
B. 30 minutes up to 1 hour a day	③ No homework was assigned.		version
C. 1 up to 2 hours a day D. 2 up to 3 hours a day E. 3 up to 4 hours a day	I had homework but didn't do it.		to this
F. More than 4 hours a day	© Less than 1 hour		LTT item
	D 1 to 2 hours		was tested in
			cognitive
(2018 Grade 4, 8, and 12; Appendix F p. 193	© More than 2 hours		lab in
alternate version for VH811369)			Writing.
 9. How often do you talk about things you have studied in school with someone in your family? O Never or hardly ever 	10. How often do you talk about things you have studied in school with someone in your family?	NC	N/A
Once every few weeks	Never or hardly ever		
 About once a week Two or three times a week 	Once every few weeks		
© Every day	© About once a week		
	Two or three times a week		
(2019 Grade 4, 8, and 12; Appendix F p. 25			
#12)	© Every day		
8. How many days were you absent from school in the last month?	11. How many days were you absent from school in the last month?	NC	N/A
 None 1 or 2 days 	③ None		
© 3 or 4 days © 5 to 10 days	③ 1 or 2 days		
D More than 10 days	© 3 or 4 days		
(2019 Grade 4, 8, and 12; Appendix F p. 24	© 5 to 10 days		
#11)	More than 10 days VB320870		
10. How far in school did your mother go?	13. How far in school did your mother go?	NC	N/A
She did not finish high school.She graduated from high school.	She did not finish high school.		
© She had some education after high school.	③ She graduated from high school.		
D She graduated from college.D I don't know.	© She had some education after high school.		
(2018 Grade 8 and 12; Appendix F p. 25 #13)	D She graduated from college.		
	© I don't know.		

Previous item							Age 13 Long-Term Tre 2019/2020 LTT item		-		D/ RV/NC	Rationale
 11. How far in school did your father go? The 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. (2019 Grade 8 and 12; Appendix F p. 25 #14)						#14)	 VB830871 14. How far in school did your father go? The 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. 				NC	N/A
 YBB31451 9. How often do people in your home talk to each other in a language other than English? ③ Never ④ Once in a while © About half of the time ① All or most of the time (2015 Grade 4, 8, and 12; Appendix F p. 381 					 15. How often do people in your to each other in a language of English? ③ Never ③ Once in a while ③ About half of the time ④ All or most of the time 				NC	N/A		
 #11) 26. How much does each choice on each row. a. Reading is one of my favorite activities. b. T like ralking about books with other people. c. I think reading is important. d. I enjoy going to a bookstore or a library. (2019 Grade #10) 	Not at all like me O O O O	A little bit like me D D D	Somewhat like me © © ©	Quite a bit like me © © ©	Exactly like	VIBADOS VIBADOS VIBALIAS VIBALIAS VIBALIAS VIBALIAS	16. How often do you do each of the foa. Read for fun on your own time.b. Tell a friend about a good book.	llowing thir Almost every day ©	once or twice a week ©	Once or twice a month ©	RV	The 2019 operation al version of this LTT item has revised response options and sub- item wording.

.

Appendix K4-10: Operational Age 13 Reading

		VB331330
1.	Are you Hispanic or Latino? Fill in one or more ovals .	
А	No, I am not Hispanic or Latino.	
В	Yes, I am Mexican, Mexican American, or Chicano.	
С	Yes, I am Puerto Rican or Puerto Rican American.	
D	Yes, I am Cuban or Cuban American.	
Е	Yes, I am from some other Hispanic or Latino background.	
		VB331331
-		V 5551551
2.	Which of the following best describes you? Fill in one or more ovals .	
А	White	
В	Black or African American	
С	Asian	
D	American Indian or Alaska Native	
Е	Native Hawaiian or other Pacific Islander	
		VB331335
3.	About how many books are there in your home?	
А	Few (0–10)	
В	Enough to fill one shelf (11–25)	
С	Enough to fill one bookcase (26–100)	
D	Enough to fill several bookcases (more than 100)	
		1/0001000
		VB331336
4.	Is there a computer at home that you use?	

- A Yes
- B No

5. About how many pages a day do you have to read in school and for homework?

- A 5 or fewer
- В 6–10
- С 11–15
- D 16–20
- E More than 20

BO001200

6. How much time did you spend on homework yesterday?

- A No homework was assigned.
- B I had homework but didn't do it.
- C Less than 1 hour
- D 1 to 2 hours
- E More than 2 hours

VB331339

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

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

- 8. 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

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

VB330871

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

VB331451

- **11.** How often do people in your home talk to each other in a language other than English?
 - A Never
 - B Once in a while
 - C About half of the time
 - D All or most of the time

SO003500

	Almost every day	Once or twice a week	Once or twice a month	A few times a year	Never or hardly ever	
a. Read for fun on your own time.	А	В	С	D	E	VC375071
b. Tell a friend about a good book.	А	В	С	D	Е	VC375073

12. How often do you do each of the following things?

Previous item	17 Long-Term Trend Reading Stu 2019/2020 LTT item	D/RV/ NC	Rationale
 3. Are you Hispanic or Latino? Select one or more answer choices. O No, I am not Hispanic or Latino. 	VB331330 1. Are you Hispanic or Latino? Fill in one or more ovals.	NC	N/A
 P Yes, I am Mexican, Mexican American, or Chicano. C Yes, I am Puerto Rican or Puerto Rican American. 	③ No, I am not Hispanic or Latino.		
 Yes, I am Cuban or Cuban American. Yes, I am from some other Hispanic or Latino background. 	Ses, I am Mexican, Mexican American, or Chicano.		
	© Yes, I am Puerto Rican or Puerto Rican American.		
(2010 Crede 4. 9, and 10; Annondiv F. n. 27 #F)	Yes, I am Cuban or Cuban American.		
(2019 Grade 4, 8, and 12; Appendix F p. 37 #5)	② Yes, I am from some other Hispanic or Latino background.		
4. Which of the following best describes you? Select one or more answer choices.	2. Which of the following best describes you? Fill in one or more ovals.	NC	N/A
Black or African American Asian	(2) White		
© Asian ⊕ American Indian or Alaska Native	Black or African American		
Φ Native Hawaiian or other Pacific Islander	© Asian		
(2019 Grade 4, 8, and 12; Appendix F p. 37 #6)	C Native Hawaiian or other Pacific Islander		
 5. About how many books are there in your home? ③ Few (0-10) 	5. About how many books are there in your home?	NC	N/A
D Enough to fill one shelf (11–25)	✤ Few (0–10)		
 © Enough to fill one bookcase (26-100) © Enough to fill several bookcases (more than 100) 	^(B) Enough to fill one shelf (11–25)		
	© Enough to fill one bookcase (26–100)		
(2019 Grade 4, 8, and 12; Appendix F p. 37 #7)	D Enough to fill several bookcases (more than 100)		
6. Do you have any of the following in your home? Select one answer choice on each row.	6. Is there a computer at home that you use?	RV	This item was
a. Access to the Internet O O WATHE	Yes		revised
b. Your own bedroom c. A desktop or laptop computer (including memory desktop or laptop computer (including memor			and
Chromebooks) that you can use d. A tablet (for example, Surface Pro, iPad, where the surf	[®] No		incorporat
Kindle Fire/ that you can use Image: Comparison of the provided in the			ed into a
use			matrix
(2019 Grade 4, 8, and 12; Appendix F p. 37 #8)			item (sub- item "c")
			for 2019 operation

2019/2020 Operational Age 17 Long-Term Trend Reading Student Previous item D/RV/ Rationale								
Previous item	2019/2020 LTT item	NC	Rationale					
6. About how many pages a day do you have to read in school and for homework?	8. About how many pages a day do you have to read in school and for homework?	NC	N/A					
	③ 5 or fewer							
③ 6–10	③ 6-10							
© 11-15	© 11-15							
© 16–20	D 16-20							
③ More than 20	© More than 20							
(2015 Grade 4, 8, and 12; Appendix F p. 384 #6)								
Alternate version (for VH811369) About how many hours a day do you spend on your English/language arts homework? A. Less than 30 minutes a day	9. How much time did you spend on homework yesterday?	RV	An alternate					
 B. 30 minutes up to 1 hour a day C. 1 up to 2 hours a day 	③ No homework was assigned.		version to					
D. 2 up to 3 hours a day E. 3 up to 4 hours a day	I had homework but didn't do it.		this LTT item was					
F. More than 4 hours a day	© Less than 1 hour		tested in					
	D 1 to 2 hours		cognitive					
(2018 Grade 4, 8, and 12; Appendix F p. 228 alternate	D More than 2 hours		lab in					
version for VH811369)			Writing.					
9. How often do you talk about things you have studied in school with someone in your family? O Never or hardly ever	10. How often do you talk about things you have studied in school with someone in your family?	NC	N/A					
Once every few weeks	Never or hardly ever							
 About once a week Two or three times a week 	Once every few weeks							
© Every day	© About once a week							
(2019 Grade 4, 8, and 12; Appendix F p.39 #11)	Two or three times a week							
	© Every day							
	VB331447	NC	N/A					
 How many days were you absent from school in the last month? None 	11. How many days were you absent from school in the last month?							
D 1 or 2 days	(None							
© 3 or 4 days © 5 to 10 days	③ 1 or 2 days							
D More than 10 days	© 3 or 4 days							
(2010 Crede 4. 9, and 12; Annandiy E. p. 20 #10)	© 5 to 10 days							
(2019 Grade 4, 8, and 12; Appendix F p. 38 #10)	D More than 10 days							
	VB330870	NC	N/A					
10. How far in school did your mother go?She did not finish high school.	13. How far in school did your mother go?							
She graduated from high school.	③ She did not finish high school.							
 She had some education after high school. She graduated from college. 	③ She graduated from high school.							
© I don't know.	© She had some education after high school.							
(2018 Grade 8 and 12; Appendix F p. 39 #12)	She graduated from college.							
	© I don't know.							

Previous it					U		7 Long-Term Trend Reading Stur 2019/2020 LTT item						Rationale	
11. How far in school did your father go?							VB330871 14. How far in school did your father go?						N/A	
 He did not finish high school. He graduated from high school. 							He did not finish high school.							
© He had some education after high school.							⁽¹⁾ He graduated from high school.							
 D He graduated from college. D I don't know. 							© He had some education after high school.							
								^(D) He graduated	from	colleg	ge.			
(2019 Grade 8 and 12; Appendix F p. 39 #13)						© I don't know.								
9. How often do people in your home talk to each other in a language other than English?						VEB31451 15. How often do people in your home talk to each other in a language other than English?					NC	N/A		
Never Never								(D) Never						
Once	in a wh	ile						[®] Once in a wh	ile					
© About half of the time					© About half of the time									
All or All	most o	f the ti	me											
(2015 Grad	e 4, 8	, and 1	12; Ap	pendi	хFр.	385 #11)								
23. Which of the following best describes your high school program?						 HED02549 16. Which of the following best describes your high school program? 					NC	N/A		
Academic or college preparatory						(&) General								
© Vocational or technical					③ Academic or college preparatory									
(2019 Grade 12; Appendix F p. 49 #28)						© Vocational or technical								
26. How much does each of the following statements describe you? Select one answer choice on each row.					17. How often do you do each of the following things?					RV	The 2019			
	Not at all	A little bit	Somewhat	Quite a bit	Exactly like				Almost	Once or twice a	Once or twice a	A few times a		operation
a. Reading is one of my	like me ©	like me ©	like me ©	like me ©	me ©	VH844169		a. Read for fun on your own time.	every day	week	month	year D		l version o this LTT
favorite activities. b. I like talking about books with other	۵	0	©	0	©	VH844170		b. Tell a friend about a good book.	0	8	©	0		item has
people. c. I think reading is	0	0	°	0	6	VH844172								revised
important. d. I enjoy going to a bookstore or a library.	@	8	o	0	0	VH844171								response
2019 Grad						∟ 86 #9)								options and sub-
12017 Ordu	C -, U	, and 1	- <i>-</i> , πρ	penui	Λ · Ρ·	,								item
														wording.

Appendix K4-12: Operational Age 17 Reading

		VB331330				
1.	Are you Hispanic or Latino? Fill in one or more ovals .					
А	No, I am not Hispanic or Latino.					
В	Yes, I am Mexican, Mexican American, or Chicano.					
С	Yes, I am Puerto Rican or Puerto Rican American.					
D	Yes, I am Cuban or Cuban American.					
Е	Yes, I am from some other Hispanic or Latino background.					
		VB331331				
-		VB331331				
2.	Which of the following best describes you? Fill in one or more ovals .					
А	White					
В	Black or African American					
С	Asian					
D	American Indian or Alaska Native					
Е	Native Hawaiian or other Pacific Islander					
		VB331335				
3.	About how many books are there in your home?					
А	Few (0–10)					
В	Enough to fill one shelf (11–25)					
С	Enough to fill one bookcase (26–100)					
D	Enough to fill several bookcases (more than 100)					
		VB331336				

- **4.** Is there a computer at home that you use?
 - A Yes
 - B No

5. About how many pages a day do you have to read in school and for homework?

- A 5 or fewer
- В 6–10
- С 11–15
- D 16–20
- E More than 20

BO001200

6. How much time did you spend on homework yesterday?

- A No homework was assigned.
- B I had homework but didn't do it.
- C Less than 1 hour
- D 1 to 2 hours
- E More than 2 hours

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - A Never or hardly ever
 - B Once every few weeks
 - C About once a week
 - D Two or three times a week
 - E Every day

- 8. 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

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

10. How far in school did your father go?

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

VB331451

VB330871

- **11.** How often do people in your home talk to each other in a language other than English?
 - A Never
 - B Once in a while
 - C About half of the time
 - D All or most of the time

HE002549

- **12.** Which of the following best describes your high school program?
 - A General
 - B Academic or college preparatory
 - C Vocational or technical

SO003500

13. How often do you do each of the following things?

	Almost every day	Once or twice a week	Once or twice a month	A few times a year	Never or hardly ever	
a. Read for fun on your own time.	А	В	С	D	E	VC375071
b. Tell a friend about a good book.	А	В	С	D	E	VC375073