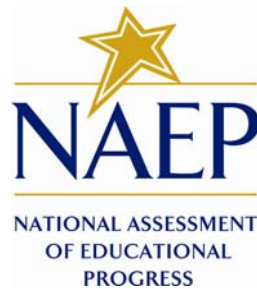


NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2013 **VOLUME II** **BACKGROUND QUESTIONS**

Part 2a **Student Grade 8 Core**



Part 2a contains:

Student Grade 8 Core Questions

The amount of time estimated to complete this form is 5 minutes.

SECTION 3

Section 3

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 13 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB331330

1. 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.

VB331331

2. Which of the following best describes you? Fill in **one** or **more** ovals.

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

Section 3

VB331335

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)

VB331336

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

VF098664

5. Do you have the following in your home? Fill in ovals for **all** that apply.
- Ⓐ Access to the Internet
 - Ⓑ Clothes dryer just for your family
 - Ⓒ Dishwasher
 - Ⓓ More than one bathroom
 - Ⓔ Your own bedroom

TB001101

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

VB331339

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

VB331447

8. How many days were you absent from school in the last month?
- Ⓐ None
 - Ⓑ 1 or 2 days
 - Ⓒ 3 or 4 days
 - Ⓓ 5 to 10 days
 - Ⓔ More than 10 days



VB330870

9. 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.

VB330871

10. 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.

VB331451

11. How often do people in your home talk to each other in a language other than English?

- Ⓐ Never
- Ⓑ Once in a while
- Ⓒ About half of the time
- Ⓓ All or most of the time

VF095730

12. Do the following people live in your home? Fill in ovals for **all** that apply.

- Ⓐ Mother
- Ⓑ Stepmother
- Ⓒ Foster mother or other female legal guardian
- Ⓓ Father
- Ⓔ Stepfather
- Ⓕ Foster father or other male legal guardian

VE102537

13. Write the ZIP code of your home address in the boxes.

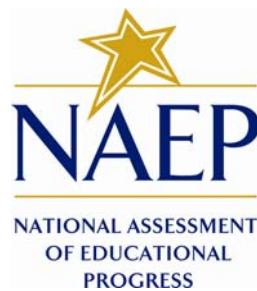
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NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2013 **VOLUME II** **BACKGROUND QUESTIONS**

Part 2b **Student Grade 8 Core (adapted)**



Part 2b contains:

Student Grade 8 Core Questions (adapted for Puerto Rico)

The amount of time estimated to complete this form is 5 minutes.

**Grade 8 Student Core
for Puerto Rico Translation**

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 13 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB331330

1. 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.
- Ⓓ Yes, I am Cuban or Cuban American.
- Ⓔ 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**.

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

VB331335

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. Is there a computer at home that you use?

- A Yes
- B No

5. Do you have the following in your home? Fill in ovals for **all** that apply.

- A Access to the Internet
- B Clothes dryer just for your family
- C Dishwasher
- D More than one bathroom
- E Your own bedroom

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

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

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?

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

9. 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.

10. 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.

11. How often do people in your home talk to each other in a language other than Spanish?

- Ⓐ Never
- Ⓑ Once in a while
- Ⓒ About half of the time
- Ⓓ All or most of the time

12. Do the following people live in your home? Fill in ovals for **all** that apply.

- Ⓐ Mother
- Ⓑ Stepmother
- Ⓒ Foster mother or other female legal guardian
- Ⓓ Father
- Ⓔ Stepfather
- Ⓕ Foster father or other male legal guardian

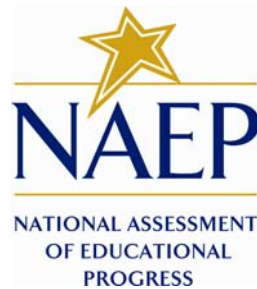
13. Write the ZIP code of your home address in the boxes.

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NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2013 **VOLUME II** **BACKGROUND QUESTIONS**

Part 2c **Student Grade 8 Reading (Pilot)**



Part 2c contains:

Student Grade 8 Reading Questions (Pilot)

The amount of time estimated to complete this form is 10 minutes.

SECTION 4

Section 4

This section has 12 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

1. Please indicate how much you **DISAGREE** or **AGREE** with the following statements about reading and writing. Fill in **one** oval on each line.

VB345622

	Strongly disagree	Disagree	Agree	Strongly agree	
a. When I read books, I learn a lot.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VB345623
b. Reading is one of my favorite activities.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VB345624
c. Reading is enjoyable.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VE633189

2. How often do you do each of the following? Fill in **one** oval on each line.

VB379288

	Never or hardly ever	Once or twice a month	Once or twice a week	Almost every day	
a. Read for fun on your own time	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VB379289
b. Talk with your friends or family about something you have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VB379290

3. For your **English** class so far this year, how many times have you done each of the following? Fill in **one** oval on each line.

VB345648

	Never	Once	2 or 3 times	4 or 5 times	6 or more times	
a. Made a presentation to the class about something that you have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VB345650
b. Done a project about something that you have read (for example, written a play, created a website)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VB345651
c. Conducted research for reading and writing projects	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VF009263

4. How often do you receive help or tutoring with English/language arts outside of school or after school?

VF174671

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

5. For school this year, how often have you been asked to write long answers to questions on tests or assignments that involved reading?

VB345715

- A Never
- B Once or twice this year
- C Once or twice a month
- D At least once a week

6. In your English/language arts class this year, how often does your class do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Read aloud	(A)	(B)	(C)	(D)	VC504013
b. Read silently	(A)	(B)	(C)	(D)	VC504015
c. Discuss new or difficult vocabulary	(A)	(B)	(C)	(D)	VC504016
d. Explain what we have read	(A)	(B)	(C)	(D)	VC504017
e. Read books we have chosen ourselves	(A)	(B)	(C)	(D)	VC504019
f. Write a paragraph or more about what we have read	(A)	(B)	(C)	(D)	VE589602

7. 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? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Summarize the passage	(A)	(B)	(C)	(D)	VC504023
b. Interpret the meaning of the passage	(A)	(B)	(C)	(D)	VC504024
c. Question the motives or feelings of the characters	(A)	(B)	(C)	(D)	VC504025
d. Identify the main themes or main ideas of the passage	(A)	(B)	(C)	(D)	VE589611

VF009272

8. 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? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	I don't know.	
a. Evaluate the main arguments or evidence in a persuasive passage	(A)	(B)	(C)	(D)	VF009274
b. Analyze the author's organization of information in a passage	(A)	(B)	(C)	(D)	VF009276
c. Critique the author's craft or technique	(A)	(B)	(C)	(D)	VF009279

VC504027

9. In your English/language arts class this year, how often do you use a computer to do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Learn and practice vocabulary	(A)	(B)	(C)	(D)	VC504028
b. Practice spelling and grammar	(A)	(B)	(C)	(D)	VC504029
c. Access reading-related websites (for example, websites with book reviews and lists of recommended books)	(A)	(B)	(C)	(D)	VC504033
d. Conduct research for reading and writing projects	(A)	(B)	(C)	(D)	VC504034
e. Read books or articles using a computer or other digital technology	(A)	(B)	(C)	(D)	VE589651

10. How hard was this test compared to most other tests you have taken this year in school?

VB595182

- Ⓐ Easier than other tests
- Ⓑ About as hard as other tests
- Ⓒ Harder than other tests
- Ⓓ Much harder than other tests

11. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?

VC034559

- Ⓐ Not as hard as on other tests
- Ⓑ About as hard as on other tests
- Ⓒ Harder than on other tests
- Ⓓ Much harder than on other tests

12. How important was it to you to do well on this test?

VB595184

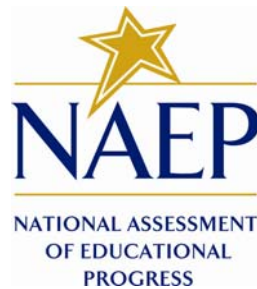
- Ⓐ Not very important
- Ⓑ Somewhat important
- Ⓒ Important
- Ⓓ Very important



NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2013 **VOLUME II** **BACKGROUND QUESTIONS**

Part 2d **Student Grade 8 Mathematics (Pilot)**



Part 2d contains:

Student Grade 8 Mathematics Questions (Pilot)

The amount of time estimated to complete this form is 10 minutes.

SECTION 4

Section 4

This section has 15 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB543277

1. What math class are you taking this 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 eighth-grade math
- Ⓗ Integrated or sequential math
- Ⓙ Other math class

VB543278

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
- Ⓗ Integrated or sequential math
- Ⓙ Business or consumer math
- Ⓚ Other math class
- Ⓛ I don't know.

VF017602

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

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

VC497572

4. How often do you feel the following way in your math class? Fill in **one** oval on each line.

- | | Never
or hardly
ever | Sometimes | Often | Always
or almost
always | |
|---|----------------------------|-----------|-------|-------------------------------|----------|
| a. I have a clear understanding of what my math teacher is asking me to do. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VC497573 |
| b. The math work is too easy. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VC497574 |
| c. The math work is challenging. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VC497575 |
| d. The math work is engaging and interesting. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VC497576 |
| e. I am learning. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VC497577 |

VC189706

5. Please indicate how much you DISAGREE or AGREE with the following statements. Fill in **one** oval on each line.

- | | Strongly
disagree | Disagree | Agree | Strongly
agree | |
|--|----------------------|----------|-------|-------------------|----------|
| a. Because math is fun, I wouldn't want to give it up. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VC189707 |
| b. I like math. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VC189710 |
| c. Math is one of my favorite subjects. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VC189711 |

VB517159

6. How often do you use these different types of calculators in your math class?

	Never use	Sometimes, but not often	Usually use	
a. Basic four-function (addition, subtraction, multiplication, division)	(A)	(B)	(C)	VB517160
b. Scientific (not graphing)	(A)	(B)	(C)	VB517161
c. Graphing	(A)	(B)	(C)	VB517282

VB517158

7. When you take a math test or quiz, how often do you use a calculator?

- (A) Never
- (B) Sometimes
- (C) Always

VB543269

8. For each of the following activities, how often do you use a **calculator**? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. To check your work on math homework assignments	(A)	(B)	(C)	(D)	(E)	VB543270
b. To calculate the answers to math homework problems	(A)	(B)	(C)	(D)	(E)	VB543271
c. To work in class on math lessons led by your teacher	(A)	(B)	(C)	(D)	(E)	VB543272

VB543267

9. What kind of **calculator** do you usually use when you are **not in math class**?

- (A) None
- (B) Basic four-function (addition, subtraction, multiplication, division)
- (C) Scientific (not graphing)
- (D) Graphing

VB525162

10. How often do you use a computer for math at school?

- (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 or almost every day

VB543155

11. When you are doing math for school or homework, how often do you use these **different types of computer programs**? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. A spreadsheet program for math class assignments	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543157
b. A program to practice or drill on math facts (addition, subtraction, multiplication, division)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543158
c. A program that presents new math lessons with problems to solve	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543160
d. The Internet to learn things for math class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543159
e. A calculator program on the computer to solve or check problems for math class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543161
f. A graphing program on the computer to make charts or graphs for math class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543262
g. A statistical program to calculate patterns such as correlations or cross tabulations	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB517157
h. A word processing program to write papers for math class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543156
i. A program to work with geometric shapes for math class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC466133

VC189613

12. How often do you use e-mail, instant messages, blogs, or text messages to do any of the following? Fill in **one** oval on each line.

- | | Never
or hardly
ever | Once
every few
weeks | About
once a
week | Two or
three times
a week | Every day
or almost
every day | |
|--|----------------------------|----------------------------|-------------------------|---------------------------------|-------------------------------------|----------|
| a. Talk online with friends about math work | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VC299268 |
| b. Get help with math from someone other than your teacher, family, classmates, or friends | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VC189627 |

VB595182

13. How hard was this test compared to most other tests you have taken this year in school?

- Ⓐ Easier than other tests
- Ⓑ About as hard as other tests
- Ⓒ Harder than other tests
- Ⓓ Much harder than other tests

VB595184

15. How important was it to you to do well on this test?

- Ⓐ Not very important
- Ⓑ Somewhat important
- Ⓒ Important
- Ⓓ Very important

VC034559

14. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?

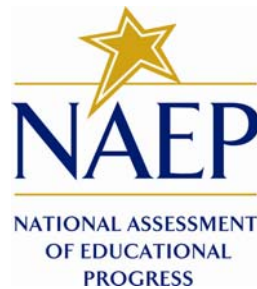
- Ⓐ Not as hard as on other tests
- Ⓑ About as hard as on other tests
- Ⓒ Harder than on other tests
- Ⓓ Much harder than on other tests



NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2013 **VOLUME II** **BACKGROUND QUESTIONS**

Part 2e **Student Grade 8 Technology and Engineering Literacy**



Part 2e contains:

Student Grade 8 TEL Questions

The amount of time estimated to complete this form is 10 minutes.
(Each student will only receive some of the questions.)

TEL Student Common Questions

TEL Student – Common Block 1

The following questions are about your views and experiences related to technology and engineering.

Technology refers to all the things people make and do to their natural environment in order to get the things they want and need.

Engineering refers to using skills or knowledge to solve problems that meet people's wants and needs.

Some questions ask for facts while other questions ask for your opinions. Read each question carefully, and pick the answer you think is best.

VE639847

1. Have you ever studied technology or engineering topics in any of the following classes or subjects in school? Select **one or more** squares.
 - Ⓐ Mathematics
 - Ⓑ Science
 - Ⓒ Social studies or history
 - Ⓓ I have not studied technology or engineering in any of the classes or subjects listed above.

2. In school or outside of school, how often do you do the following? Select **one** circle in each row.

	Never or almost never	A few times a year	Once or twice a month	Several times a month	At least once a week	
a. Participate in clubs, camps, or competitions about technology or engineering (for example, digital art and editing, design, programming, robotics, science)	(A)	(B)	(C)	(D)	(E)	VE639177
b. Go to museums or events to learn about technology or engineering	(A)	(B)	(C)	(D)	(E)	VE639178
c. Edit digital photographs or other graphic images	(A)	(B)	(C)	(D)	(E)	VE639179
d. Create, build, or design things (for example, robots, clothes, science projects, recipes)	(A)	(B)	(C)	(D)	(E)	VE639180
e. Work in a shop or garage with industrial technologies (for example, auto mechanics, machining, metalworking, construction, carpentry)	(A)	(B)	(C)	(D)	(E)	VE639181
f. Work with drafting or design tools (for example, computer aided design [CAD], systems analysis)	(A)	(B)	(C)	(D)	(E)	VE639182
g. Take online classes to learn more about technology or engineering	(A)	(B)	(C)	(D)	(E)	VE639183
h. Watch video or listen to audio to learn more about technology or engineering (video or audio includes online videos, movies, television shows, podcasts, radio programs)	(A)	(B)	(C)	(D)	(E)	VE677642

TEL Student – Common Block 2

The following questions are about your views and experiences related to technology and engineering.

Technology refers to all the things people make and do to their natural environment in order to get the things they want and need.

Engineering refers to using skills or knowledge to solve problems that meet people's wants and needs.

Some questions ask for facts while other questions ask for your opinions. Read each question carefully, and pick the answer you think is best.

VE639842

1. Have you ever taken or are you currently taking any of the following classes or subjects in school? Select **one or more** squares.
 - Ⓐ Industrial technology (for example, auto mechanics, carpentry)
 - Ⓑ Engineering (for example, robotics, bridge building, rocketry)
 - Ⓒ Any class that involves learning to use, program, or build computers
 - Ⓓ Any other technology-related class (for example, electronics, sewing, farming)
 - Ⓔ I have not taken any of the classes listed above.

2. How interested are you in learning about the following areas of technologies? Select **one** circle in each row.

	Not at all interested	Not too interested	Somewhat interested	Very interested	
a. Information and communication (for example, computers, Internet, social networking sites)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639168
b. Transportation (for example, cars, planes, trains, traffic analysis)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639169
c. Construction (for example, architecture, building a bridge)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639171
d. Power and energy (for example, dams, power plants, batteries)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639173
e. Environmental and green technologies (for example, recycling, renewable energy sources such as sunlight and wind)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639174
f. Agriculture (for example, farming, food chemistry)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639175
g. Medical technologies (for example, vaccines, drugs, surgical tools, heart monitors, x-ray machines)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639176
h. Home and domestic (for example, air conditioning, cleaning, cooking, heating, plumbing, sewing)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VF009755
i. Manufacturing (for example, what goes on in factories, developing or improving products)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639170

TEL Student – Common Block 3

The following questions are about your views and experiences related to technology and engineering.

Technology refers to all the things people make and do to their natural environment in order to get the things they want and need.

Engineering refers to using skills or knowledge to solve problems that meet people’s wants and needs.

Some questions ask for facts while other questions ask for your opinions. Read each question carefully, and pick the answer you think is best.

VE639025

1. Technology refers to all the things people make and do to their natural environment in order to get the things they want and need. How much do you disagree or agree with the following statements about technology? Select **one** circle in each row.

	Strongly disagree	Disagree	Neither disagree nor agree	Agree	Strongly agree	
a. Technology is important to society.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639028
b. Technology is important to my daily life.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639043
c. Learning about technology will help me in the future.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639048
d. Learning about technology will help me do (or get) the job I want.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639046
e. I enjoy learning about technology.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639053
f. I enjoy using technology.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF009048

2. Engineering refers to using skills or knowledge to solve problems that meet people's wants and needs. How much do you disagree or agree with the following statements about engineering? Select **one** circle in each row.

	Strongly disagree	Disagree	Neither disagree nor agree	Agree	Strongly agree	
a. Engineering is important to society.	(A)	(B)	(C)	(D)	(E)	VF009051
b. Engineering is important to my daily life.	(A)	(B)	(C)	(D)	(E)	VF009052
c. Learning about engineering will help me in the future.	(A)	(B)	(C)	(D)	(E)	VF009053
d. Learning about engineering will help me do (or get) the job I want.	(A)	(B)	(C)	(D)	(E)	VF009054
e. I enjoy learning about engineering.	(A)	(B)	(C)	(D)	(E)	VF009055
f. I enjoy solving problems.	(A)	(B)	(C)	(D)	(E)	VF009056
g. I enjoy fixing things.	(A)	(B)	(C)	(D)	(E)	VF009061
h. I enjoy creating, building, or designing things.	(A)	(B)	(C)	(D)	(E)	VF009064
i. I enjoy figuring out how things work.	(A)	(B)	(C)	(D)	(E)	VF009065
j. I do things that I would describe as engineering.	(A)	(B)	(C)	(D)	(E)	VF009066

TEL Student Debriefing Questions

TEL Student – Debrief

VF009358

1. Before today, had you ever taken an interactive computer test similar to the one you just took?
Select **one** circle in each row.

	Yes	No	
a. I had taken an interactive computer test in school.	<input type="radio"/> A	<input type="radio"/> B	VF009360
b. I had taken an interactive computer test outside of school.	<input type="radio"/> A	<input type="radio"/> B	VF009361

VE401773

2. How hard was this test compared to most other tests you have taken this year in school?

- A Easier than other tests
- B About as hard as other tests
- C Harder than other tests
- D Much harder than other tests

VE401776

3. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?

- A Not as hard as on other tests
- B About as hard as on other tests
- C Harder than on other tests
- D Much harder than on other tests

VE401779

4. How important was it to you to do well on this test?

- A Not very important
- B Somewhat important
- C Important
- D Very important

TEL Student Design and Systems (DS) Questions

TEL Student – Design & Systems Block 1

VE682225

1. In school, how often have you learned about or discussed the following? Select **one** circle in each row.

	Never	Rarely	Sometimes	Often	
a. The use and purpose of tools, machines, or devices	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682226
b. The care or maintenance of tools, machines, or devices	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682227
c. Designing or creating something to solve a problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682228
d. Designing something when there is limited time, money, or materials	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682229
e. Figuring out how to fix something	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682230
f. Finding the right people to work with or get help from to fix something	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682231

VE682232

2. Outside of school, how often have you learned about or discussed the following? Select **one** circle in each row.

	Never	Rarely	Sometimes	Often	
a. The use and purpose of tools, machines, or devices	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682233
b. The care or maintenance of tools, machines, or devices	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682234
c. Designing or creating something to solve a problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682238
d. Designing something when there is limited time, money, or materials	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682236
e. Figuring out how to fix something	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682237
f. Finding the right people to work with or get help from to fix something	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682235

3. Do you think that you would be able to do each of the following? Select **one** circle in each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Build a model using a kit	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VE682278
b. Build a model without using a kit	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VE682280
c. Use tools or materials to fix something	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VE682281
d. Take something apart in order to fix it or see how it works	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VE682284
e. Design a computer program	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VE682286

TEL Student – Design & Systems Block 2

VE638956

1. In school, how often have you ever done the following activities? Select **one** circle in each row.

	Never	Once or twice	Three to five times	More than five times	
a. Used tools or materials to fix or build something	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE638957
b. Used different tools, materials, or machines to see which are best for a given purpose	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE638959
c. Built or tested a model to see if it solves a problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE638963
d. Figured out why something is not working in order to fix it	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682247
e. Taken something apart in order to fix it or see how it works	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE638965
f. Designed a computer program	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682248

2. **Outside of school**, how often have you ever done the following activities? Select **one** circle in each row.

	Never	Once or twice	Three to five times	More than five times	
a. Used tools or materials to fix or build something	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VE638986
b. Used tools or materials to plan or design something (for example, cake recipe, party)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VF009777
c. Used different tools, materials, or machines to see which are best for a given purpose	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VE638998
d. Built or tested a model to see if it solves a problem	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VE639038
e. Figured out why something is not working in order to fix it	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VE682267
f. Taken something apart in order to fix it or see how it works	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VE639042
g. Designed a computer program	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VE682268

3. Who taught you most of what you know about building things, fixing things, or how things work?

- A I taught myself.
- B Family members
- C Friends
- D Teachers
- E Someone else

**TEL Student Information and Communication Technology
(ICT) Questions**

TEL Student – Information Communication Technology Block 1

VE639123

1. For school work, how often do you use a computer or other digital technology for the following activities? Select **one** circle in each row.

	Never or almost never	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Send or receive messages (for example, chat, e-mail, instant messages, text messages)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639125
b. View or download digital media (for example, art, books, games, mobile apps, music, pictures, software, videos)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639127
c. Create, edit, or organize digital media	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639130
d. Send, share, present, or upload digital media	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639131
e. Create a presentation	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639137
f. Create a spreadsheet (a table or grid that displays data into columns and rows and may be used to create charts and graphs)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE639136

2. In this question, please think about activities you do that are not related to your school work. How often do you use a computer or other digital technology for the following activities **not for school work**? Select **one** circle in each row.

	Never or almost never	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Send or receive messages (for example, chat, e-mail, instant messages, text messages)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF025109
b. View or download digital media (for example, art, books, games, mobile apps, music, pictures, software, videos)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF025110
c. Create, edit, or organize digital media	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF025112
d. Send, share, present, or upload digital media	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF025113
e. Create a presentation	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF025117
f. Create a spreadsheet (a table or grid that displays data into columns and rows and may be used to create charts and graphs)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF025116

TEL Student – Information Communication Technology Block 2

VF238958

1. For school work, how often do you use a computer or other digital technology for the following activities? Select **one** circle in each row.

	Never or almost never	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Participate in online discussion forums, social networking sites, or virtual communities	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF238965
b. Work with others to solve a problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF238968
c. Get information from experts (people with strong skills or knowledge in a subject)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF238969
d. Maintain a website or blog	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF238973
e. Search for information (for example, browse the Internet or check out websites)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF238974
f. Play games or run simulations	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF238975

TEL Student – Information Communication Technology Block 3

VE681624

1. In school, how often do you learn about or discuss the following? Select **one** circle in each row.

	Never	Rarely	Sometimes	Often	
a. How to judge reliability of sources (for example, how a website might be biased or inaccurate)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE681629
b. How to credit others for their ideas (for example, citing sources, using endnotes and footnotes in reports)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE681632

VE682215

2. Who taught you most of what you know about using computers or other digital technology for collecting or sharing information?

- Ⓐ I taught myself.
- Ⓑ Family members
- Ⓒ Friends
- Ⓓ Teachers
- Ⓔ Someone else

VE682217

3. Do you think that you would be able to do each of the following? Select **one** circle in each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Publish or maintain a personal website or blog	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE682218
b. Create presentations with sound, pictures, or video	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE682219
c. Organize information into a chart, graph, or spreadsheet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE682221
d. Compare products using the Internet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE682222

TEL Student Technology and Society (TS) Questions

TEL Student – Technology and Society

VE638999

1. **In school**, how often have you learned about or discussed the following? Select **one** circle in each row.

	Never	Rarely	Sometimes	Often	
a. Inventions that change the way people live	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639002
b. Choices people make that affect the environment	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639004
c. Conditions that influence the use or availability of machines or devices	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639005
d. The ways people work together to solve problems in their community or the world	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682300

VE639008

2. **Outside of school**, how often have you learned about or discussed the following? Select **one** circle in each row.

	Never	Rarely	Sometimes	Often	
a. Inventions that change the way people live	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639012
b. Choices people make that affect the environment	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639013
c. Conditions that influence the use or availability of machines or devices	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE639014
d. The ways people work together to solve problems in their community or the world	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VE682314

3. Who taught you most of what you know about how technology, people, and the environment are related to each other?

- Ⓐ I taught myself.
- Ⓑ Family members
- Ⓒ Friends
- Ⓓ Teachers
- Ⓔ Someone else

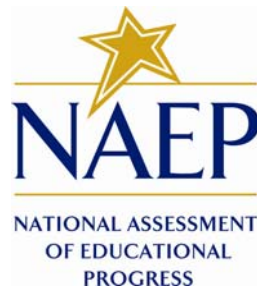
4. Do you think that you would be able to do each of the following? Select **one** circle in each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Describe how inventions change society	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE682321
b. Compare how different activities affect the environment	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE682323
c. Explain why people have different tools, machines, or devices in different parts of the world	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VE682324

NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2013 **VOLUME II** **BACKGROUND QUESTIONS**

Part 2f **Student Grade 8 Reading Accessible Block Study**



Part 2f contains:

Student Grade 8 Reading Accessible Block Study Questions

The amount of time estimated to complete this form is 10 minutes.

SECTION 4

Section 4

This section has 12 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

1. Please indicate how much you **DISAGREE** or **AGREE** with the following statements about reading and writing. Fill in **one** oval on each line.

VB345622

- | | Strongly disagree | Disagree | Agree | Strongly agree | |
|--|-------------------|----------|-------|----------------|----------|
| a. When I read books, I learn a lot. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VB345623 |
| b. Reading is one of my favorite activities. | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VB345624 |

2. How often do you do each of the following? Fill in **one** oval on each line.

VB379288

- | | Never or hardly ever | Once or twice a month | Once or twice a week | Almost every day | |
|---|----------------------|-----------------------|----------------------|------------------|----------|
| a. Read for fun on your own time | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VB379289 |
| b. Talk with your friends or family about something you have read | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VB379290 |

3. Now think about reading and writing you do for school. For your **English** class this year, how often do you do each of the following? Fill in **one** oval on each line.

VB345644

- | | Never or hardly ever | A few times a year | Once or twice a month | At least once a week | |
|---|----------------------|--------------------|-----------------------|----------------------|----------|
| a. Have a class discussion about something that the whole class has read | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VB345645 |
| b. Work in pairs or small groups to talk about something that you have read | Ⓐ | Ⓑ | Ⓒ | Ⓓ | VB345646 |

VB345648

4. For your **English** class so far this year, how many times have you done each of the following? Fill in **one** oval on each line.

- | | Never | Once | 2 or 3 times | 4 or 5 times | 6 or more times | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------|
| a. Made a presentation to the class about something that you have read | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | VB345650 |
| b. Done a project about something that you have read (for example, written a play, created a website) | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | VB345651 |
| c. Conducted research for reading and writing projects | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | VF009263 |

VC503875

5. Do you study or do work for English/ language arts at an after-school or tutoring program?

- A Yes
 B No

VB345715

6. For school this year, how often have you been asked to write long answers to questions on tests or assignments that involved reading?

- A Never
 B Once or twice this year
 C Once or twice a month
 D At least once a week

VC504013

7. In your English/language arts class this year, how often does your class do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Read aloud	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504014
b. Read silently	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504015
c. Discuss new or difficult vocabulary	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504016
d. Explain what we have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504017
e. Read books we have chosen ourselves	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504019
f. Write something about what we have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504020

VC504022

8. 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? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Summarize the passage	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504023
b. Interpret the meaning of the passage	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504024
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	VC504025
d. Identify the main themes of the passage	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504026

VC504027

9. In your English/language arts class this year, how often do you use a computer to do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Learn and practice vocabulary	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504028
b. Practice spelling and grammar	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504029
c. Access reading-related websites (for example, websites with book reviews and lists of recommended books)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504033
d. Conduct research for reading and writing projects	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504034

10. How hard was this test compared to most other tests you have taken this year in school?

VB595182

- Ⓐ Easier than other tests
- Ⓑ About as hard as other tests
- Ⓒ Harder than other tests
- Ⓓ Much harder than other tests

11. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?

VC034559

- Ⓐ Not as hard as on other tests
- Ⓑ About as hard as on other tests
- Ⓒ Harder than on other tests
- Ⓓ Much harder than on other tests

12. How important was it to you to do well on this test?

VB595184

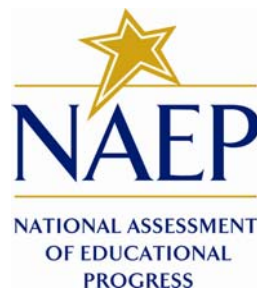
- Ⓐ Not very important
- Ⓑ Somewhat important
- Ⓒ Important
- Ⓓ Very important



NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2013 **VOLUME II** **BACKGROUND QUESTIONS**

Part 2g **Student Grade 8 NAEP Reading-Lexile Study**



Part 2g contains:

Student Grade 8 NAEP Reading-Lexile Study Questions

The amount of time estimated to complete this form is 10 minutes.

SECTION 4

Section 4

This section has 12 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

1. Please indicate how much you **DISAGREE** or **AGREE** with the following statements about reading and writing. Fill in **one** oval on each line.

VB345622

- | | Strongly disagree | Disagree | Agree | Strongly agree | |
|--|--------------------------|-----------------|--------------|-----------------------|----------|
| a. When I read books, I learn a lot. | (A) | (B) | (C) | (D) | VB345623 |
| b. Reading is one of my favorite activities. | (A) | (B) | (C) | (D) | VB345624 |

2. How often do you do each of the following? Fill in **one** oval on each line.

VB379288

- | | Never or hardly ever | Once or twice a month | Once or twice a week | Almost every day | |
|---|-----------------------------|------------------------------|-----------------------------|-------------------------|----------|
| a. Read for fun on your own time | (A) | (B) | (C) | (D) | VB379289 |
| b. Talk with your friends or family about something you have read | (A) | (B) | (C) | (D) | VB379290 |

3. Now think about reading and writing you do for school. For your **English** class this year, how often do you do each of the following? Fill in **one** oval on each line.

VB345644

- | | Never or hardly ever | A few times a year | Once or twice a month | At least once a week | |
|---|-----------------------------|---------------------------|------------------------------|-----------------------------|----------|
| a. Have a class discussion about something that the whole class has read | (A) | (B) | (C) | (D) | VB345645 |
| b. Work in pairs or small groups to talk about something that you have read | (A) | (B) | (C) | (D) | VB345646 |

VB345648

4. For your **English** class so far this year, how many times have you done each of the following? Fill in **one** oval on each line.

- | | Never | Once | 2 or 3 times | 4 or 5 times | 6 or more times | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------|
| a. Made a presentation to the class about something that you have read | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | VB345650 |
| b. Done a project about something that you have read (for example, written a play, created a website) | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | VB345651 |
| c. Conducted research for reading and writing projects | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | VF009263 |

VC503875

5. Do you study or do work for English/ language arts at an after-school or tutoring program?

- A Yes
 B No

VB345715

6. For school this year, how often have you been asked to write long answers to questions on tests or assignments that involved reading?

- A Never
 B Once or twice this year
 C Once or twice a month
 D At least once a week

VC504013

7. In your English/language arts class this year, how often does your class do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Read aloud	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504014
b. Read silently	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504015
c. Discuss new or difficult vocabulary	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504016
d. Explain what we have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504017
e. Read books we have chosen ourselves	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504019
f. Write something about what we have read	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504020

VC504022

8. 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? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Summarize the passage	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504023
b. Interpret the meaning of the passage	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504024
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	VC504025
d. Identify the main themes of the passage	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504026

VC504027

9. In your English/language arts class this year, how often do you use a computer to do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Learn and practice vocabulary	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504028
b. Practice spelling and grammar	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504029
c. Access reading-related websites (for example, websites with book reviews and lists of recommended books)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504033
d. Conduct research for reading and writing projects	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC504034

10. How hard was this test compared to most other tests you have taken this year in school?

VB595182

- Ⓐ Easier than other tests
- Ⓑ About as hard as other tests
- Ⓒ Harder than other tests
- Ⓓ Much harder than other tests

11. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?

VC034559

- Ⓐ Not as hard as on other tests
- Ⓑ About as hard as on other tests
- Ⓒ Harder than on other tests
- Ⓓ Much harder than on other tests

12. How important was it to you to do well on this test?

VB595184

- Ⓐ Not very important
- Ⓑ Somewhat important
- Ⓒ Important
- Ⓓ Very important

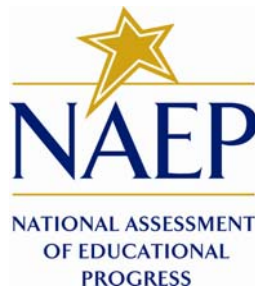


NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2013 **VOLUME II** ***BACKGROUND QUESTIONS***

Part 2h

Student Grade 8 Knowledge and Skills Appropriate Study



Part 2h contains:

Student Grade 8 KaSA Study Mathematics Questions

The amount of time estimated to complete this form is 10 minutes.

SECTION 4

Section 4

This section has 18 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB543277

1. What math class are you taking this 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 eighth-grade math
- Ⓗ Integrated or sequential math
- Ⓘ Other math class

VB543278

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
- Ⓗ Integrated or sequential math
- Ⓘ Business or consumer math
- Ⓚ Other math class
- Ⓚ I don't know.

VC497572

3. How often do you feel the following way in your math class? Fill in **one** oval on each line.

	Never or hardly ever	Sometimes	Often	Always or almost always	
a. I have a clear understanding of what my math teacher is asking me to do.	(A)	(B)	(C)	(D)	VC497573
b. The math work is too easy.	(A)	(B)	(C)	(D)	VC497574
c. The math work is challenging.	(A)	(B)	(C)	(D)	VC497575
d. The math work is engaging and interesting.	(A)	(B)	(C)	(D)	VC497576
e. I am learning.	(A)	(B)	(C)	(D)	VC497577

VC189706

4. Please indicate how much you DISAGREE or AGREE with the following statements. Fill in **one** oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. Because math is fun, I wouldn't want to give it up.	(A)	(B)	(C)	(D)	VC189707
b. I like math.	(A)	(B)	(C)	(D)	VC189710
c. Math is one of my favorite subjects.	(A)	(B)	(C)	(D)	VC189711

VB517159

5. How often do you use these different types of calculators in your math class?

	Never use	Sometimes, but not often	Usually use	
a. Basic four-function (addition, subtraction, multiplication, division)	(A)	(B)	(C)	VB517160
b. Scientific (not graphing)	(A)	(B)	(C)	VB517161
c. Graphing	(A)	(B)	(C)	VB517282

VB517158

6. When you take a math test or quiz, how often do you use a calculator?

- Ⓐ Never
- Ⓑ Sometimes
- Ⓒ Always

VB543269

7. For each of the following activities, how often do you use a **calculator**? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. To check your work on math homework assignments	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543270
b. To calculate the answers to math homework problems	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543271
c. To work in class on math lessons led by your teacher	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB543272

VB543267

8. What kind of **calculator** do you usually use when you are **not in math class**?

- Ⓐ None
- Ⓑ Basic four-function (addition, subtraction, multiplication, division)
- Ⓒ Scientific (not graphing)
- Ⓓ Graphing

VB525162

9. How often do you use a computer for math at school?

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

10. When you are doing math for school or homework, how often do you use these **different types of computer programs**? Fill in **one** oval on each line.

- | | Never
or hardly
ever | Once
every few
weeks | About
once a
week | Two or
three times
a week | Every day
or almost
every day | |
|---|----------------------------|----------------------------|-------------------------|---------------------------------|-------------------------------------|----------|
| a. A spreadsheet program for math class assignments | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VB543157 |
| b. A program to practice or drill on math facts (addition, subtraction, multiplication, division) | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VB543158 |
| c. A program that presents new math lessons with problems to solve | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VB543160 |
| d. The Internet to learn things for math class | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VB543159 |
| e. A calculator program on the computer to solve or check problems for math class | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VB543161 |
| f. A graphing program on the computer to make charts or graphs for math class | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VB543262 |
| g. A statistical program to calculate patterns such as correlations or cross tabulations | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VB517157 |
| h. A word processing program to write papers for math class | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VB543156 |
| i. A program to work with geometric shapes for math class | Ⓐ | Ⓑ | Ⓒ | Ⓓ | Ⓔ | VC466133 |

VC189613

11. How often do you use e-mail, instant messages, blogs, or text messages to do any of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. Talk online with friends about math work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC299268
b. Get help with math from someone other than your teacher, family, classmates, or friends	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC189627

VC290281

12. Do you study or do work for math at an after-school or tutoring program?

- Ⓐ Yes
Ⓑ No

VC034559

14. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?

- Ⓐ Not as hard as on other tests
Ⓑ About as hard as on other tests
Ⓒ Harder than on other tests
Ⓓ Much harder than on other tests

VB595182

13. How hard was this test compared to most other tests you have taken this year in school?

- Ⓐ Easier than other tests
Ⓑ About as hard as other tests
Ⓒ Harder than other tests
Ⓓ Much harder than other tests

VB595184

15. How important was it to you to do well on this test?

- Ⓐ Not very important
Ⓑ Somewhat important
Ⓒ Important
Ⓓ Very important

Section 4

VE453868

16. Did you know before today that you would be taking this test?

- Ⓐ Yes
- Ⓑ No

VE453870

17. Did you answer all of the math questions?

- Ⓐ Yes → ***You have finished. Thank you for your time.***
- Ⓑ No → *Please answer the next question.*

VE453875

18. Why did you leave one or more of the math questions blank? Fill in **one or more** ovals.

- Ⓐ I did not have enough time.
- Ⓑ I do not know how to use a calculator.
- Ⓒ I am not used to writing out my answers.
- Ⓓ The questions were too hard.

