

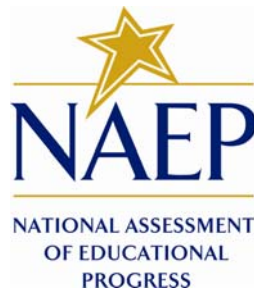
***NATIONAL ASSESSMENT OF  
EDUCATIONAL PROGRESS***

**Wave 2 Submittal for 2011  
VOLUME II**

**Part 2b**

***BACKGROUND QUESTIONS  
FOR 2011 ASSESSMENT***

**Student Grade 8 KaSA Questions**



*Part 2b contains:*  
Student Grade 8 KaSA Questions

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

*June 2, 2010*

# STUDENT QUESTIONNAIRES

## OMB Information on Student Questionnaire Cover Page

### Paperwork Burden Statement

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is **1850-0790**. The time required to complete this information collection is estimated to average 75 minutes including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. **If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to:** U.S. Department of Education, Washington, D.C. 20202-4537. **If you have comments or concerns regarding the status of your individual submission of this form, write directly to:** NAEP/NCES, U.S. Department of Education, 1990 K Street N.W., Washington, D.C. 20006-5651.

### **A project of the National Center for Education Statistics (NCES), Institute of Education Sciences, U.S. Department of Education.**

The information you provide will be used for statistical purposes only. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws, your responses will be kept confidential and will not be disclosed in identifiable form to anyone other than employees or agents. By law, every NCES employee as well as every agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of up to \$250,000, or both, if he or she willfully discloses ANY identifiable information about you.

OMB NO. 1850-0790 APPROVAL EXPIRES 04/30/2013

# SECTION 4

## Section 4

This section has 21 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

1. What math class are you taking this year?

VB543277

- Ⓐ 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

2. What math class do you expect to take next year?

VB543278

- Ⓐ 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.

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

VC290281

- Ⓐ Yes
- Ⓑ No

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.	(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

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.	(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

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?

- Ⓐ Never
- Ⓑ Sometimes
- Ⓒ 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	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	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

9. 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

10. 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

Section 4

VC497143

11. Do you use a computer for math homework at home?

- Ⓐ Yes
- Ⓑ No

VB543148

12. On a typical day, how much time do you spend doing work for math class on a computer? Include work you do in class and for homework.

- Ⓐ None
- Ⓑ Half an hour or less
- Ⓒ About 1 hour
- Ⓓ About 2 hours
- Ⓔ More than 2 hours



VB543155

13. 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

VC189591

14. Do you use the Internet at home?

- A Yes
- B No

VC189613

15. 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<br>or hardly<br>ever | Once<br>every few<br>weeks | About<br>once a<br>week | Two or<br>three times<br>a week | Every day<br>or almost<br>every day |          |
|--|----------------------------|----------------------------|-------------------------|---------------------------------|-------------------------------------|----------|
| a. Talk online with friends about math work  | <input type="radio"/> A    | <input type="radio"/> B    | <input type="radio"/> C | <input type="radio"/> D         | <input type="radio"/> E             | VC299268 |
| b. Get help with math from someone other than your teacher, family, classmates, or friends | <input type="radio"/> A    | <input type="radio"/> B    | <input type="radio"/> C | <input type="radio"/> D         | <input type="radio"/> E             | VC189627 |

VB595182

16. 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

VC034559

17. 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

VB595184

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

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



VE453868

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

- Ⓐ Yes
- Ⓑ No

VE453870

20. Did you answer all of the math questions?

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

VE453875

21. 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.

