NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

WAVE 2 SUBMITTAL FOR 2012 VOLUME II

Part 1 STUDENT PILOT BACKGROUND QUESTIONS FOR 2012 ASSESSMENT



Part 1 contains:

- a) Student Grade 4 Core + Writing Questions
- b) Student Grade 4 MP-3 Player Special Study (2011 Core + Mathematics) Questions
- c) Student Grade 8 Core Questions
- d) Student Grade 12 Core + Mathematics Questions
- e) Student Grade 12 Core + Reading Questions

THE NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2012 VOLUME II

Part 1a BACKGROUND QUESTIONS

FOR 2012 ASSESSMENT

Student Grade 4 Core + Writing



Part 1a contains:

Student Grade 4 Core + Writing Questions

The amount of time estimated to complete this form is 15 minutes.

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 75¹ 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, 400 Maryland Avenue, S.W., Washington, DC 20202.

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

¹ Note: 75 minutes is total for assessment (cognitive and background). Applicable background time is listed on each part.

section 3

In this section, please tell us about yourself and your family. The section has 11 questions. Select only **one** circle for each question except where instructed otherwise.

VE631435

- 1. Are you Hispanic or Latino? Select **one or more** squares.
 - 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.

- 2. Which of the following best describes you? Select **one or more** squares.
 - White
 - Black or African American
 - Asian

 - Native Hawaiian or other Pacific Islander

Section 3

Please answer questions 3–7 based on where you live most of the time during the school year.

VE631438 VE631443 3. **Including yourself**, how many people 5. Do the following people live in your living in your home are 17 years old **or** home? Select squares for all that apply. younger? Mother \bigcirc 1 ® Stepmother **®** 2 © Foster mother © 3 Other female legal guardian 4 Tather © 5 or more Stepfather © Foster father VE631440 4. How many people living in your home are 18 years old or older? Other male legal guardian **(A)** 1 VE631447 6. How many adults living in your home **®** 2 have a job? © 3 None 4 **®** 1 © 5 or more © 2 **①** 3 4 © 5 or more

© I don't know.

- 7. Do you have the following items at your home? Select squares for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - O Dishwasher
 - More than one bathroom
 - Your own bedroom

VF63145

- 8. How long have you lived in the United States?
 - All of my life
 - ® More than 5 years, but not all of my life
 - © 3–5 years
 - ① Less than 3 years

- 9. Since the beginning of the school year, have you talked to any of the following people about possible jobs or careers when you are an adult? Select squares for **all** that apply.
 - Your mother or female legal guardian
 - ® Your father or male legal guardian
 - © Family members other than parents, such as older siblings, aunts, uncles, grandparents
 - Tamily friend
 - © Teacher
 - Principal
 - © School counselor
 - Other (specify):
 _
 - ☐ I have not talked about possible jobs or careers with anyone.

have peop after	te the beginning of the school year, the you talked to any of the following to ble about college or other education or high school? Select squares for all the apply.
	Your mother or female legal guardian
B	Your father or male legal guardian
	Family members other than parents, such as older siblings, aunts, uncles, grandparents
(D)	Family friend
(E)	Teacher
Ē	Principal
©	School counselor
\oplus	Other (specify):
	I have not talked about college or other education after high school with anyone.
	te the ZIP code of your home address ne boxes.



section 4

This section has 19 questions. Select only **one** circle for each question except where instructed otherwise.

VE588764

- 1. In a day, about how much time do you spend writing **on paper** for school assignments?
 - A None
 - About 10 minutes
 - About 30 minutes
 - About 1 hour
 - © More than 1 hour

VE594192

- 2. In a day, about how much time do you spend writing **on a computer** for school assignments?
 - A None
 - About 10 minutes
 - About 30 minutes
 - About 1 hour
 - (1) More than 1 hour

VE588767

- 3. In a day, about how much time do you spend writing **on paper** on your own and not for school—for example, writing stories or keeping a journal?
 - None
 - About 10 minutes
 - About 30 minutes
 - About 1 hour
 - © More than 1 hour

VE594203

- 4. In a day, about how much time do you spend writing **on a computer** on your own and not for school—for example, writing stories, keeping a journal, e-mailing, or blogging?
 - None
 - About 10 minutes
 - About 30 minutes
 - About 1 hour
 - More than 1 hour

VE634283

- 5. For school this year, how often do you write to explain something you have read or know about?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

- 6. For school this year, how often do you write about your own experiences?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

- 7. For school this year, how often do you write to convince or persuade someone?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

VE588781

- 8. For school this year, how often do you write letters?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

VE588783

- 9. For school this year, how often do you write stories?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

VE607045

- 10. For school this year, how often do you write reports?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

VE588793

- 11. For school this year, how often do you look for information on the Internet to include in your writing?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

- 12. For school this year, how often do you look for pictures, sounds, or video files on the Internet to help you with your writing?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

- 13. How often do you write to your friends or family using the Internet—for example, e-mails, blogs, text messages, instant messages, or personal web pages?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

VE588804

- 14. Writing is one of my favorite activities.
 - This is not like me.
 - ® This is a little like me.
 - This is a lot like me.

VE588806

- 15. Writing allows me to express my ideas.
 - This is not like me.
 - ® This is a little like me.
 - This is a lot like me.

VE634284

- 16. How do you prefer to take a writing test?
 - On computer
 - ® On paper
 - O It does not matter.

VE401773

- 17. 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

VE401776

- 18. 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

- 19. How important was it to you to do well on this test?
 - A Not very important
 - Somewhat important
 - © Important
 - O Very important



THE NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2012 VOLUME II

Part 1b BACKGROUND QUESTIONS

FOR 2012 ASSESSMENT

Student Grade 4 MP-3 Player Special Study (2011 Core + Mathematics)



Part 1b contains:

Student Grade 4 2011 Core + Mathematics Questions

The amount of time estimated to complete this form is 15 minutes.

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 75¹ 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, 400 Maryland Avenue, S.W., Washington, DC 20202.

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

¹ Note: 75 minutes is total for assessment (cognitive and background). Applicable background time is listed on each part.

section 3

In this section, please tell us about yourself and your family. The section has 10 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.
 - (A) 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.

- 2. Which of the following best describes you? Fill in **one or more ovals.**
 - White
 - ® Black or African American
 - © Asian

 - © Native Hawaiian or other Pacific Islander

Section 3

® No

For the rest of the questions in this section, fill in only **one** oval for each question.

3. Does your family get any magazines regularly?

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

regularly? have to read in school homework?

© I don't know.

© 11

4. 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

5. Is there a computer at home that you use?

A Yes

® No

6. Is there an encyclopedia in your home? It could be a set of books, or it could be on the computer.

A Yes

® No

O I don't know.

♠ 5 or fewer

[®] 6−10

© 11-15

© 16-20

(1) More than 20

VB331339

8. 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

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

None

® 1 or 2 days

© 3 or 4 days

① 5 to 10 days

More than 10 days

- 10. 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



VC497143

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.

2. Do you use a computer for math homework at home?
Yes
® No
VC18959
3. Do you use the Internet at home?
Yes
® No
ink about all the times you do things for or anywhere else.
6. Do you use a computer to make charts or graphs for math?
Yes
© 165
® No

VB525173

VC497182

- 8. How often do you use a calculator?
 - Never or hardly ever
 - ® Once in a while
 - Almost every day

VB525174

- 9. What kind of **calculator** do you normally use?
 - I don't have a calculator.
 - Regular calculator (addition, subtraction, multiplication, division)
 - © Graphing calculator

VB517158

- 10. When you take a math test or quiz, how often do you use a calculator?
 - A Never
 - Sometimes
 - © Always

VC290281

- 11. Do you study or do work for math at an after-school or tutoring program?
 - A Yes
 - ® No

12. How often do you feel your math classwork is too hard?

- Never or hardly ever
- Sometimes
- Often
- Always or almost always

VC497186

- 13. How often do you feel your math classwork is too easy?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497557

- 14. How often do you like what you do in class for math?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497558

- 15. How often do you feel you can do a good job on your math tests?
 - A Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497560

- 16. How often do you feel you can do a good job on your math assignments?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497562

- 17. How often do you feel you like math?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497563

- 18. How often do you feel math is one of your favorite subjects?
 - Never or hardly ever
 - Sometimes
 - © Often
 - Always or almost always

VB595182

- 19. 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

VC034559

- 20. 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

- 21. How important was it to you to do well on this test?
 - A Not very important
 - Somewhat important
 - © Important
 - O Very important



THE NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2012 VOLUME II

Part 1c BACKGROUND QUESTIONS

FOR 2012 ASSESSMENT

Student Grade 8 Core



Part 1c contains:

Student Grade 8 Core Questions

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

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 75¹ 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, 400 Maryland Avenue, S.W., Washington, DC 20202.

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

¹ Note: 75 minutes is total for assessment (cognitive and background). Applicable background time is listed on each part.

section 3

In this section, please tell us about yourself and your family. The section has 11 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**.
 - (A) 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.

- 2. Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - ® Black or African American
 - O Asian

 - © Native Hawaiian or other Pacific Islander

Section 3

Please answer questions 3–7 based on where you live most of the time during the school year.

VE588972 VE592165 3. **Including yourself**, how many people 5. Do the following people live in your living in your home are 17 years old **or** home? Fill in ovals for all that apply. younger? Mother \bigcirc 1 ® Stepmother **®** 2 © Foster mother © 3 Other female legal guardian 4 Tather © 5 or more Stepfather © Foster father VE589049 4. How many people living in your home are 18 years old or older? Other male legal guardian **(A)** 1 VE589077 6. How many adults living in your home **®** 2 have a job? © 3 None 4 **®** 1 © 5 or more © 2 **①** 3 4 © 5 or more

© I don't know.

- 7. Do you have the following items at your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - ® Clothes dryer just for your family
 - O Dishwasher
 - More than one bathroom
 - Your own bedroom

VF58949

- 8. How long have you lived in the United States?
 - All of my life
 - ® More than 5 years, but not all of my life
 - © 3–5 years
 - ① Less than 3 years

- 9. Since the beginning of the school year, have you talked to any of the following people about possible jobs or careers when you are an adult? Fill in ovals for all that apply.
 - Your mother or female legal guardian
 - ® Your father or male legal guardian
 - © Family members other than parents, such as older siblings, aunts, uncles, grandparents
 - Tamily friend
 - © Teacher
 - Principal
 - © School counselor
 - Other (specify):

 - ☐ I have not talked about possible jobs or careers with anyone.

VE627762 10. Since the beginning of the school year, have you talked to any of the following people about college or other education after high school? Fill in ovals for all that apply. A Your mother or female legal guardian ® Your father or male legal guardian © Family members other than parents, such as older siblings, aunts, uncles, grandparents Tamily friend © Teacher © Principal © School counselor Other (specify): ____ □ I have not talked about college or other education after high school with anyone. VE102537

11. Write th	e of you	r home a	ddress



THE NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2012 VOLUME II

Part 1d BACKGROUND QUESTIONS

FOR 2012 ASSESSMENT

Student Grade 12 Core + Mathematics



Part 1d contains:

Student Grade 12 Core + Mathematics Questions

The amount of time estimated to complete this form is 15 minutes.

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 75¹ 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, 400 Maryland Avenue, S.W., Washington, DC 20202.

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

¹ Note: 75 minutes is total for assessment (cognitive and background). Applicable background time is listed on each part.

section 3

In this section, please tell us about yourself and your family. The section has 12 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**.
 - (A) 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.

- 2. Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - ® Black or African American
 - O Asian

 - © Native Hawaiian or other Pacific Islander

Section 3

Please answer questions 3–7 based on where you live most of the time during the school year.

VE592164 VE592165 3. **Including yourself**, how many people 5. Do the following people live in your living in your home are 17 years old **or** home? Fill in ovals for all that apply. younger? Mother A None Stepmother **®** 1 © Foster mother © 2 Other female legal guardian ① 3 Tather 4 Stepfather © 5 or more © Foster father Other male legal guardian VE589053 4. Including yourself, how many people living in your home are 18 years old or older? VE589077 6. How many adults living in your home A) 1 have a job? None **B** 2 © 3 **®** 1 **1** © 2 © 5 or more **①** 3 4 © 5 or more

© I don't know.

- 7. Do you have the following items at your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - O Dishwasher
 - More than one bathroom
 - Your own bedroom

VF58949

- 8. How long have you lived in the United States?
 - All of my life
 - ® More than 5 years, but not all of my life
 - © 3–5 years
 - ① Less than 3 years

- 9. Since the beginning of the school year, have you talked to any of the following people about possible jobs or careers when you are an adult? Fill in ovals for all that apply.
 - Your mother or female legal guardian
 - ® Your father or male legal guardian
 - © Family members other than parents, such as older siblings, aunts, uncles, grandparents
 - Tamily friend
 - © Teacher
 - Principal
 - © School counselor
 - Other (specify): _______
 - ☐ I have not talked about possible jobs or careers with anyone.

- 10. Since the beginning of the school year, have you talked to any of the following people about college or other education after high school? Fill in ovals for **all** that apply.
 - (A) Your mother or female legal guardian
 - ® Your father or male legal guardian
 - © Family members other than parents, such as older siblings, aunts, uncles, grandparents
 - Tamily friend
 - © Teacher
 - Principal
 - © School counselor

① Other (specify):	
--------------------	--

☐ I have not talked about college or other education after high school with anyone.

VE627773

- 11. During this school year, which of the following have you done? Fill in ovals for **all** that apply.
 - A Taken the SAT or ACT College Entrance Exams
 - Submitted the Free Application for Federal Student Aid (FAFSA)
 - © Applied to a 2-year college
 - D Been accepted to a 2-year college
 - © Applied to a 4-year college
 - Been accepted to a 4-year college
 - © Applied to a technical training program (such as electrician, beautician, mechanic, computer programmer, etc.)
 - Been accepted to a technical training program
 - □ Talked with a military recruiter
 - Been accepted into the military
 - © Applied for a full-time job
 - Been interviewed for a full-time job
 - None of the above

VE102537

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

ı					
ı					
ı					
ı					
ı					
ı					
ı					
ı					



I3DX1

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.

VC298762

1. 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. Fill in **one** oval on each line. 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).

	I have never taken this course	I took this course in or before Grade 8	I took this course in Grade 9	I took this course in Grade 10	I took this course in Grade 11	I took th course i Grade 1	n
a. Basic or general mathematics course	A	®	0	•	(Ē)	Ð	VC298769
b. Tech-prep mathematics, business mathematics, consumer mathematics, or other applied mathematics course	(A)	®	©	•	Ē	(F)	VC298847
c. Introduction to algebra or pre-algebra course	(A)	®	0	0	Œ	Ē	VC299007
d. Algebra I course	(A)	®	©	(D)	Œ	Ð	VC299008
e. Geometry course	(A)	®	©	(D)	(E)	(Ē)	VC299009
f. Algebra II course, with or without trigonometry	A	®	©	•	Œ	(Ē)	VC299010
g. Trigonometry (as a separate course)	(A)	$^{ ext{ B}}$	0	0	(E)	(F)	VC299012
h. Pre-calculus course (also called introductory analysis)	(A)	®	©	0	Œ)	Ð	VE593389
i. Integrated mathematics 1 (first year of a multi-year course with a variety of topics)	(A)	®	0	•	(E)	Ē	VE593393
j. Integrated mathematics 2 (second year of a multi-year course with a variety of topics)	(A)	₿	©	•	Œ	(F)	VE606532

	I have never taken this course	I took this course in or before Grade 8	I took this course in Grade 9	I took this course in Grade 10	I took this course in Grade 11	I took th course in Grade 1	n
k. Integrated mathematics 3 (third year of a multi-year course with a variety of topics)	(A)	®	©	•	Œ	Ē	VE606548
l. Integrated mathematics 4 (fourth year of a multi-year course with a variety of topics)	(A)	®	©	•	Œ	Ē	VE606551
m. Probability or statistics course	e A	B	©	•	(E)	(E)	VC299032
n. Calculus course	(A)	B	©	•	(E)	(E)	VC299033
o. Computer programming course (such as C++, Visual Basic, etc.)	(A)	₿	©	0	Ē	(Ē)	VE593398
p. Other mathematics course (specify):	(A)	$^{ ext{ B}}$	0	•	Œ	Ð	VE593395

- 2. Are you currently enrolled in or have you taken any of the following Advanced Placement (AP®) courses? Fill in ovals for **all** that apply.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus AB.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus BC.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) Statistics.
 - No, I have not taken any of the courses listed above.

VE593756

- 3. Are you currently enrolled in or have you taken an International Baccalaureate® (IB) mathematics course?
 - A Yes
 - ® No

VB543297

- 4. Are you currently enrolled in or have you taken any online mathematics courses for high school or college credit?
 - A Yes
 - ® No

VC288225

- 5. Was there a mathematics course that you would have liked to have taken this school year but did not take?
 - Yes, but my school does not offer the course.
 - ® Yes, but the course was full.
 - © Yes, but I did not have the necessary prerequisites.
 - Tes, but my schedule was full.
 - © No, there was no other course that I wanted to take.

VC189706

6. 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. Mathematics is one of my favorite subjects.	(A)	®	©	•	VC189711
b. I take mathematics because it will help me in the future.	(A)	®	0	•	VC189713
c. I take mathematics to meet my high school graduation requirements.	(A)	$^{ ext{ B}}$	0	•	VE634987

VB517284 VE63487

- 7. Are you currently taking a mathematics course?
 - igotimes Yes \rightarrow Go to Question 8.

- 8. How often do you receive help or tutoring with mathematics outside of your regular mathematics class?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - © Every day or almost every day

VC497572

9. How often do you feel the following way in your mathematics 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 mathematics teacher is asking me to do.	(A)	®	0	•	VC497573
b. The mathematics work is too easy.	(A)	®	©	•	VC497574
c. The mathematics work is challenging.	(A)	₿	0	•	VC497575
d. The mathematics work is engaging and interesting.	(A)	₿	0	•	VC497576
e. I am learning mathematics.	(A)	$^{ ext{ B}}$	©	•	VE593449

VB517159

10. How often do you use these different types of calculators in your mathematics class? Fill in **one** oval on each line.

	Never use	Sometimes, but not often	Usually use	
a. Basic four-function (addition, subtraction, multiplication, division)	A	(8)	0	VB517160
b. Scientific (not graphing)	A	₿	©	VB517161
c. Graphing	A	$^{ ext{ $	©	VB517282

- 11. When you take a mathematics test or quiz, how often do you use a calculator?
 - Never
 - Sometimes
 - Always

12. How often do you use a calculator to perform the following tasks for the mathematics course you are currently taking? Fill in **one** oval on each line.

	Never or hardly ever	Sometimes	Often	Always or almost always	
a. To perform basic numeric operations	(A)	₿	©	•	VE593464
b. To graph equations or inequalities	(A)	®	©	(D)	VE593465
c. To evaluate functions (e.g., exponential, logarithmic, trigonometric)	(A)	®	0	•	VE593466
d. To calculate probabilities or statistical measures	(A)	₿	©	•	VE593467
e. To create statistical representations (charts and graphs, etc.)	(A)	®	©	•	VE593469
f. To use a computer algebra system (CAS)	(A)	®	©	•	VE593471
g. To perform matrix operations	(A)	®	©	(D)	VE593472
h. To perform business/financial calculations	(A)	₿	0	•	VE593473
i. To explore geometric concepts	(A)	$^{ ext{ B}}$	©	•	VE593474

VB543155

13. When you are doing mathematics 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 or database program	(A)	®	©	•	Ē	VE593745
b. A mathematics tutorial program	A	®	©	•	Ē	VE593747
c. A graphing program	(A)	$^{ ext{ $	©	•	(Ē)	VE593748
d. A statistical program	(A)	$^{ ext{ $	©	•	(Ē)	VE593749
e. A dynamic geometry program	A	B	©	•	Ē	VE593753
f. A computer algebra system (CAS)	(A)	B	0	•	Œ	VE593754

VE593475

14. How often do you use the Internet 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. Receive help with mathematics from your family, friends, or classmates	(A)	B	©	•	(E)	VE593477
b. Receive help with mathematics from someone other than your family, friends, or classmates	(A)	B	0	(b)	Ē	VE593478
c. Get information to help you with your mathematics work	A	B	©	•	(Ē)	VE610856

VB59518

- 15. 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

VC034559

- 16. 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

VB595184

- 17. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important

VE593425

- 18. What kind of calculator did you use for this test?
 - (A) I did not use a calculator for this test.
 - ® NAEP-provided scientific calculator
 - © Scientific (not graphing) calculator
 - Graphing calculator (with or without a computer algebra system [CAS])



THE NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2012 VOLUME II

Part 1e BACKGROUND QUESTIONS

FOR 2012 ASSESSMENT

Student Grade 12 Core + Reading



Part le contains:

Student Grade 12 Core + Reading Questions

The amount of time estimated to complete this form is 15 minutes.

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 75¹ 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, 400 Maryland Avenue, S.W., Washington, DC 20202.

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

¹ Note: 75 minutes is total for assessment (cognitive and background). Applicable background time is listed on each part.

section 3

In this section, please tell us about yourself and your family. The section has 12 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**.
 - (A) 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
 - O Asian

 - © Native Hawaiian or other Pacific Islander

Section 3

Please answer questions 3–7 based on where you live most of the time during the school year.

VE592164 VE592165 3. **Including yourself**, how many people 5. Do the following people live in your living in your home are 17 years old **or** home? Fill in ovals for all that apply. younger? Mother A None Stepmother **®** 1 © Foster mother © 2 Other female legal guardian ① 3 Tather 4 Stepfather © 5 or more © Foster father Other male legal guardian VE589053 4. Including yourself, how many people living in your home are 18 years old or older? VE589077 6. How many adults living in your home A) 1 have a job? None **B** 2 © 3 **®** 1 **1** © 2 © 5 or more **①** 3 4 © 5 or more

© I don't know.

- 7. Do you have the following items at your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - O Dishwasher
 - More than one bathroom
 - Your own bedroom

VF58949

- 8. How long have you lived in the United States?
 - All of my life
 - ® More than 5 years, but not all of my life
 - © 3–5 years
 - ① Less than 3 years

VE627731

- 9. Since the beginning of the school year, have you talked to any of the following people about possible jobs or careers when you are an adult? Fill in ovals for all that apply.
 - Your mother or female legal guardian
 - ® Your father or male legal guardian
 - © Family members other than parents, such as older siblings, aunts, uncles, grandparents
 - Tamily friend
 - © Teacher
 - Principal
 - © School counselor
 - Other (specify): _______
 - ☐ I have not talked about possible jobs or careers with anyone.

- 10. Since the beginning of the school year, have you talked to any of the following people about college or other education after high school? Fill in ovals for **all** that apply.
 - (A) Your mother or female legal guardian
 - ® Your father or male legal guardian
 - © Family members other than parents, such as older siblings, aunts, uncles, grandparents
 - Tamily friend
 - © Teacher
 - © Principal
 - © School counselor

① Other (specify):	
--------------------	--

☐ I have not talked about college or other education after high school with anyone.

VE627773

- 11. During this school year, which of the following have you done? Fill in ovals for **all** that apply.
 - A Taken the SAT or ACT College Entrance Exams
 - Submitted the Free Application for Federal Student Aid (FAFSA)
 - © Applied to a 2-year college
 - D Been accepted to a 2-year college
 - © Applied to a 4-year college
 - Been accepted to a 4-year college
 - © Applied to a technical training program (such as electrician, beautician, mechanic, computer programmer, etc.)
 - Been accepted to a technical training program
 - □ Talked with a military recruiter
 - Been accepted into the military
 - © Applied for a full-time job
 - Been interviewed for a full-time job
 - None of the above

VE102537

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

		l		
		l		
		l		
		l		
		l		
		l		
		l		



I3DX1

SECTION 4

This section has 13 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB345622

1. Please i	ndicate ho	w much yo	u DISAGREE	E or AGREE	with the	e following	statements
about re	eading and	writing. Fil	l in one oval	on each lir	ne.		

	Strongly disagree	Disagree	Agree	Strongly e agree	
a. When I read books, I learn a lot.	A	₿	©	© VB345623	
b. Reading is one of my favorite activities.	A	®	©	O VB345624	
c. Reading is enjoyable.	lack	®	©	© VE633189	

VB379288

2. How often do you 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	Almost every day
a. Read for fun on your own time	A	B	©	© VB379289
b. Talk with your friends or family about something you have read	(A)	B	©	VB379290

VB345648

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.

	Never	Once	2 or 3 times	4 or 5 times	6 or more times	
a. Made a presentation to the class about something that you have read	(A)	®	©	•	Œ	VB345650
b. Done a project about something that you have read (for example, written a play, created a website)	(A)	B	©	0	Œ	VB345651

- 4. How often do you receive help or tutoring with reading outside of your regular English/language arts class?
 - A Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - © Every day or almost every day

VC504013

5. 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		lack	B	©	(D)	VC504014
b. Read silently		lack	B	©	(D)	VC504015
c. Discuss new or	difficult vocabulary	A	B	©	(D)	VC504016
d. Explain what w	ve have read	A	B	©	(VC504017
	or small groups to talking that we have read	A	®	©	•	VE589600
f. Read books we	have chosen ourselves	igorplus	B	©	(D)	VC504019
g. Write a paragra what we have i		A	®	©	•	VE589602
h. Discuss differe what we have i	nt interpretations of read	(A)	B	©	0	VC504021

VC504022

6. 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	0	(VC504023
b. Interpret the meaning of the passage	A	$^{ ext{ $	0	•	VC504024
c. Question the motives or feelings of the characters	(A)	®	©	0	VC504025
d. Identify the main themes or main ideas of the passage	(A)	B	0	0	VE589611
e. Evaluate the main arguments or evidence in a persuasive passage	A	B	©	0	VE589612
f. Analyze the author's organization of information in a passage	(A)	B	0	0	VE589613
g. Critique the author's craft or technique	(A)	B	0	•	VE607938

VC504027

7. 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	©	•	VC504028
b. Practice spelling and grammar	A	®	©	(D)	VC504029
c. Write fictional stories	A	$^{ ext{ $	©	•	VE589642
d. Write informational reports	A	$^{ ext{ $	©	•	VE589649
e. Produce multimedia reports/projects	A	$^{ ext{ $	©	•	VC504031
f. Access reading-related websites (for example, websites with book reviews and lists of recommended books)	A	B	©	•	VC504033
g. Conduct research for reading and writing projects	A	®	©	•	VC504034
h. Read books or articles using a digital media device, such as an e-book reader or tablet computer	A	®	©	0	VE589651

- 8. Are you currently enrolled in or have you taken an Advanced Placement (AP®) course in English/language arts? Fill in ovals for **all** that apply.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) English Language and Composition.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) English Literature and Composition.
 - No, I have never taken an Advanced Placement (AP) English/language arts course.

VE589658

- 9. Are you currently enrolled in or have you taken the International Baccalaureate® (IB) Language Al course?
 - A Yes
 - ® No

VC293008

- 10. Are you currently enrolled in or have you taken any online English/language arts courses for high school or college credit?
 - A Yes
 - ® No

VB595182

- 11. 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

VC034559

- 12. 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

VB595184

- 13. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important

