

**THE NATIONAL ASSESSMENT OF  
EDUCATIONAL PROGRESS**

**Wave 1 Submittal for 2008**

**VOLUME II**

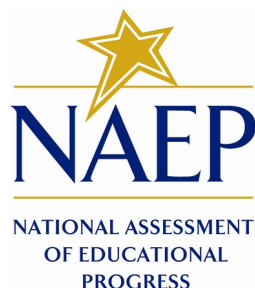
**Part 3 of 5**

**BACKGROUND QUESTIONS**

**FOR 2008 ASSESSMENT**

**Grade 12 Background Questions**

- **Student Reading Pilot Questions**
- **Student Mathematics Pilot Questions**
- **Student Reading Questions-Motivational/Incentive Study**



*Volume II contains:*

- *Part 1 of 5 - Grade 8 Student Background Questions (Visual Arts and Music)*
- *Part 2 of 5 - Grade 8 School Background Questions ( Visual Arts and Music)*
- **Part 3 of 5 - Grade 12 Student Background Questions (Reading, Mathematics, Reading Motivational Study)**
- *Part 4 of 5 - Grade 12 School Background Questions (Reading Motivational Study)*
- *Part 5 of 5 – Student with Disabilities (SD) and English Language Learner (ELL) (for LTT administrations)*

*July 26, 2007*

# STUDENT QUESTIONNAIRES

## **OMB Information on Student Questionnaire Cover Page**

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 numbers for this information collection are 1850-XXXX. The time required to complete this information collection is estimated to average 75 minutes per booklet, 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. 20202-4651. 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 of the Institute of Education Sciences.

This report is authorized by law(P.L.107-110, 20 U.S.C. §9010). While your participation is voluntary, your cooperation is needed to make the results of the survey comprehensive, accurate, and timely. The information you provide is being collected for research purposes only and will be kept strictly confidential.

OMB No. 1850-1790 Approval Expires 05/31/2010

Mark Reflex® forms by Pearson NCS EM-166###-001-1:654321

Printed in U.S.A.

## Student Questionnaire Reading – Grade 12

This section has 16 questions. Mark your answers in your booklet.

1. Are you currently enrolled in or have you taken any online English/language arts courses for high school or college credit? (NEW) [12]

A Yes

B No

2. Are you currently enrolled in or have you taken an Advanced Placement course in English/language arts? Fill in ovals for **all** that apply. (NEW) [12]

A Yes, I am enrolled in or have taken Advanced Placement English Language.

B Yes, I am enrolled in or have taken Advanced Placement English Literature.

C No, I have never taken an Advanced Placement English/language arts course.

3. Are you currently enrolled in or have you taken International Baccalaureate courses in English/language arts? (NEW) [12]

A Yes

B No

4. Please indicate how much you DISAGREE or AGREE with the following statements. Fill in **one** oval on each line. (VC189205) [12]

	Strongly disagree	Disagree	Agree	Strongly agree	[Same at:]	
a. Because reading is fun, I wouldn't want to give it up.	A	B	C	D	[12]	(VC189208)
b. I read in my spare time.	A	B	C	D	[12]	(VC189209)
c. When I read, I sometimes get totally absorbed.	A	B	C	D	[12]	(VC189211)
d. I like to read.	A	B	C	D	[12]	(VC189213)
e. Reading is one of my favorite activities.	A	B	C	D	[12]	(VC189215)
f. I read only if I have to.	A	B	C	D	[12]	(VC189217)
g. I read only to get information I need.	A	B	C	D	[12]	(VC189218)
h. I read because it will help me do well in school.	A	B	C	D	[12]	(VC189220)

5. How often do you meet with your English/language arts teacher to talk about how you are doing in English/language arts? (NEW) [12]

- A Never or hardly ever
- B A few times a 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 teacher do each of the following? Fill in **one** oval on each line. (NEW) [12]

	Never or hardly ever	Once or twice a month	Once or twice a week	Almost every English/language arts class	[Same at:]	
a. Ask you to read aloud	A	B	C	D	[12]	(NEW)
b. Ask you to read silently	A	B	C	D	[12]	(NEW)
c. Discuss new or difficult vocabulary	A	B	C	D	[12]	(NEW)
d. Help you break words into parts	A	B	C	D	[12]	(NEW)
e. Ask you to discuss something the whole class has read	A	B	C	D	[12]	(NEW)
f. Ask you to work in pairs or small groups to talk about something you have read	A	B	C	D	[12]	(NEW)
g. Ask you to do a group activity or project about what you have read	A	B	C	D	[12]	(NEW)
h. Allow you to read books you have chosen yourself	A	B	C	D	[12]	(NEW)
i. Ask you to write something about what you have read	A	B	C	D	[12]	(NEW)

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. (NEW) [12]

	Never or hardly ever	Once or twice a month	Once or twice a week	Almost every English/language arts class	[Same at:]	
a. Learn and practice vocabulary	A	B	C	D	[12]	(NEW)
b. Practice spelling and grammar	A	B	C	D	[12]	(NEW)
c. Write reports	A	B	C	D	[12]	(NEW)
d. Produce multimedia reports/projects	A	B	C	D	[12]	(NEW)
e. Read books on the computer	A	B	C	D	[12]	(NEW)
f. Access reading-related websites (for example, websites with book reviews and lists of recommended books)	A	B	C	D	[12]	(NEW)
g. Conduct research for reading and writing projects	A	B	C	D	[12]	(NEW)
h. Correspond with teachers from other schools or students from other schools using e-mail	A	B	C	D	[12]	(NEW)

8. How much time do you spend each week reading for pleasure on your own? (NEW) [12]

- A None
- B 1 hour or less per week
- C 2 hours
- D 3 hours
- E 4-5 hours
- F 6 hours or more per week

9. What kind of reader do you think you are? (VC189006) [12]
- A A poor reader
  - B An average reader
  - C A good reader
  - D A very good reader
10. Which of the following are you most likely to do when you are reading and come across a word you do not understand? (NEW) [12]
- A Look up a word
  - B Ask someone
  - C Guess from the words around it
  - D Just keep reading
  - E Determine the meaning from the root word, prefix, and/or suffix

11. How often do you feel the following way in your **English/language arts class** this year? Fill in **one** oval on each line. (NEW) [12]

	Never or hardly ever	Once or twice a month	Once or twice a week	Almost every English/language arts class	[Same at:]	
a. I have a clear understanding of what my English/language arts teacher is asking me to do.	A	B	C	D	[12]	(NEW)
b. The English/language arts assignments are too easy.	A	B	C	D	[12]	(NEW)
c. The English/language arts assignments are boring.	A	B	C	D	[12]	(NEW)
d. I have done a good job on my English/language arts assignments.	A	B	C	D	[12]	(NEW)
e. The English/language arts assignments are challenging.	A	B	C	D	[12]	(NEW)
f. The English/language arts assignments are engaging and interesting.	A	B	C	D	[12]	(NEW)
g. I am learning.	A	B	C	D	[12]	(NEW)

12. How much education do you think you will complete? (QK070697) [12]

- A I will not finish high school.
- B I will graduate from high school.
- C I will have some education after high school.
- D I will graduate from college.
- E I will go to graduate school.
- F I don't know.



13. What do you expect that your main activity will be in the year after you leave high school? (VC101417) [12]
- A Working full time
  - B Attending a vocational, technical, or business school
  - C Attending a two-year college
  - D Attending a four-year college, service academy, or university
  - E Serving in the military
  - F Other
14. How hard was this test compared to most other tests you have taken this year in school? (VB595182) [4/8/12]
- A Easier than other tests
  - B About as hard as other tests
  - C Harder than other tests
  - D Much harder than other tests
15. 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) [4/8/12]
- 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
16. How important was it to you to do well on this test? (VB595184) [4/8/12]
- A Not very important
  - B Somewhat important
  - C Important
  - D Very important

**Student Questionnaire  
Mathematics – Grade 12**

**SECTION 4**

This section has 31 questions. Mark your answers in your booklet.

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). <sup>(NEW)</sup> [12]

	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 this course in Grade 12	
a. <b>Basic</b> or <b>general</b> mathematics course	A	B	C	D	E	F	NEW
b. <b>Tech-prep</b> mathematics, <b>business</b> mathematics, <b>consumer</b> mathematics, or other <b>applied mathematics</b> course	A	B	C	D	E	F	NEW
c. <b>Introduction to algebra</b> or <b>pre-algebra</b> course	A	B	C	D	E	F	NEW
d. <b>Algebra I</b> course	A	B	C	D	E	F	NEW
e. <b>Geometry</b> course	A	B	C	D	E	F	NEW
f. <b>Algebra II</b> course, <b>with or without trigonometry</b>	A	B	C	D	E	F	NEW
g. <b>Trigonometry</b> (as a separate course)	A	B	C	D	E	F	NEW
h. <b>Pre-calculus</b> course (also called third-year algebra or elementary functions and analysis)	A	B	C	D	E	F	NEW
i. <b>Unified, integrated,</b> or <b>sequential</b> mathematics course	A	B	C	D	E	F	NEW
j. <b>Probability</b> or <b>statistics</b> course	A	B	C	D	E	F	NEW
k. <b>Calculus</b> course	A	B	C	D	E	F	NEW
l. <b>Discrete</b> or <b>finite</b> mathematics course	A	B	C	D	E	F	NEW
m. <b>Other</b> mathematics course	A	B	C	D	E	F	NEW
n. <b>Computer programming</b> course (such as C++, Pascal, Visual Basic, etc.)	A	B	C	D	E	F	NEW



2. Are you currently enrolled in or have you taken an Advanced Placement (AP) course in mathematics? Fill in **one or more** ovals. (VB543295) [12]
- A Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus AB.
  - B Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus BC.
  - C Yes, I am enrolled in or have taken Advanced Placement (AP) Statistics.
  - D No, I have never taken an Advanced Placement (AP) mathematics course.
3. Are you currently enrolled in or have you taken International Baccalaureate courses in mathematics? (QK070703) [12]
- A Yes
  - B No
4. Are you currently enrolled in or have you taken any **online** mathematics courses for **high school or college credit**? (VB543297) [12]
- A Yes
  - B No
5. Was there a mathematics course that you would have liked to have taken this school year but did not take? (NEW) [12]
- A Yes, but my school does not offer the course.
  - B Yes, but the course was full.
  - C Yes, but I did not have the necessary prerequisites.
  - D Yes, but my schedule was full.
  - E No, there was no other course that I wanted to take.
6. Are you currently taking a mathematics course? (VB517284) [12]
- A Yes → *Go to Question 7*
  - B No → *Skip to Question 26*

7. How often do you feel the following way in your mathematics class this year? Fill in **one** oval on each line. (NEW) [8/12]

	Never or hardly ever	Once or twice a month	Once or twice a week	Almost every mathematics class	[Same at:]	
a. I have a clear understanding of what my teacher is asking me to do.	A	B	C	D	[8/12]	(NEW)
b. The mathematics assignments are too easy.	A	B	C	D	[4/8/12]	(NEW)
c. The mathematics assignments are boring.	A	B	C	D	[8/12]	(NEW)
d. I have done a good job on my mathematics assignments.	A	B	C	D	[4/8/12]	(NEW)
e. The mathematics assignments are challenging.	A	B	C	D	[8/12]	(NEW)
f. The mathematics assignments are engaging and interesting.	A	B	C	D	[8/12]	(NEW)
g. I am learning.	A	B	C	D	[8/12]	(NEW)

8. Please indicate how much you DISAGREE or AGREE with the following statements about studying for and learning mathematics. Fill in **one** oval on each line. (NEW)  
[12]

	<b>Strongly disagree</b>	<b>Disagree</b>	<b>Agree</b>	<b>Strongly agree</b>	<b>[Same at:]</b>	
a. When I study, I try to relate new material to things I have learned in other subjects.	A	B	C	D	[8/12]	(NEW)
b. When I study, I figure out how the information might be useful in the real world.	A	B	C	D	[4/8/12]	(NEW)
c. When I study, I try to understand the material better by relating it to things I already know.	A	B	C	D	[8/12]	(NEW)
d. When I study, I figure out how the material fits in with what I have learned.	A	B	C	D	[4/8/12]	(NEW)

9. Please indicate how much you DISAGREE or AGREE with the following statements about studying for and learning mathematics. Fill in **one** oval on each line. (VC189630)  
[12]

	Strongly disagree	Disagree	Agree	Strongly agree	[Same at:]	
a. I am certain I can understand the most difficult material presented in my mathematics texts.	A	B	C	D	[8/12]	(VC189635)
b. I am confident I can understand the most complex material presented by my mathematics teachers.	A	B	C	D	[4/8/12]	(VC189636)
c. I am confident I can do an excellent job on my mathematics assignments.	A	B	C	D	[8/12]	(VC189637)
d. I am confident I can do an excellent job on my mathematics tests.	A	B	C	D	[4/8/12]	(VC189639)
e. I am certain I can master the skills being taught in my mathematics class.	A	B	C	D	[8/12]	(VC189641)



10. Please indicate how much you DISAGREE or AGREE with the following statements. Fill in **one** oval on each line. (VC189706) [12]

	Strongly disagree	Disagree	Agree	Strongly agree	[Same at:]	
a. Because mathematics is fun, I wouldn't want to give it up.	A	B	C	D	[8/12]	(VC189707)
b. I do mathematics in my spare time.	A	B	C	D	[4/8/12]	(VC189708)
c. When I do mathematics, I sometimes get totally absorbed.	A	B	C	D	[8/12]	(VC189709)
d. I like mathematics.	A	B	C	D	[4/8/12]	(VC189710)
e. Mathematics is one of my favorite subjects.	A	B	C	D	[8/12]	(VC189711)
f. I take mathematics only because I have to.	A	B	C	D	[8/12]	(VC189712)
g. I take mathematics only because it will help me in the future.	A	B	C	D	[8/12]	(VC189713)

11. How often do you use a computer for mathematics at school? (VB525162) [4/8/12]

- 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

12. How often do you use a computer to play mathematics games **in your mathematics class**? (VB543265) [12]
- 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
13. How often do you use a computer to play mathematics games that are **not for a mathematics class**? (VB543264) [12]
- 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
14. On a typical day, how much time do you spend doing work for mathematics class on a computer? Include work you do in class and for homework. (VB543148) [8/12]
- A None
  - B Half an hour or less
  - C About 1 hour
  - D About 2 hours
  - E More than 2 hours

15. 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.

(VB543155) [8/12]

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	[Same at:]	
a. A spreadsheet program for mathematics class assignments	A	B	C	D	E	[8/12]	(VB543157)
b. A program to practice or drill on math facts (addition, subtraction, multiplication, division)	A	B	C	D	E	[8/12]	(VB543158)
c. A program that presents new mathematics lessons with problems to solve	A	B	C	D	E	[8/12]	(VB543160)
d. The Internet to learn things for mathematics class	A	B	C	D	E	[8/12]	(VB543159)
e. A calculator program on the computer to solve or check problems for mathematics class	A	B	C	D	E	[8/12]	(VB543161)
f. A graphing program on the computer to make charts or graphs for mathematics class	A	B	C	D	E	[8/12]	(VB543262)
g. A statistical program to calculate patterns such as correlations or cross tabulations	A	B	C	D	E	[8/12]	(VB517157)
h. A word processing program to write papers for mathematics class	A	B	C	D	E	[8/12]	(NEW)
i. A drawing program to work with geometric shapes for mathematics class	A	B	C	D	E	[8/12]	(NEW)

16. How often do you use e-mail, instant messages, blogs, chat rooms, or text messages to do any of the following? Fill in **one** oval on each line. (VC189613) [12]

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	[Same at:]	
a. Talk online with friends about mathematics work	A	B	C	D	E	[8/12]	(NEW)
b. Ask your teacher questions about your mathematics homework	A	B	C	D	E	[8/12]	(VC189626)
c. Get help with mathematics from someone other than your teacher, family, classmates, or friends	A	B	C	D	E	[8/12]	(VC189627)

17. Do you study or do work for mathematics at an after-school or tutoring program?  
(NEW) [12]

- A Yes → Go to Question 18
- B No → Skip to Question 19

18. This year, have you used **computers** to help you learn mathematics in an after-school or tutoring program? (VB543276) [12]

- A Yes
- B No

19. Do you use a computer for mathematics homework at home? (VC189586) [12]
- A No, I do not have a computer at home. → *Skip to Question 21*
  - B No, I have a computer at home, but I do not use it for mathematics. → *Go to Question 20*
  - C Yes, I have a computer at home, and I use it for mathematics. → *Go to Question 20*

20. Do you use the Internet at home? (VC189591) [12]

- A Yes
- B No

21. Did you bring your own calculator for this test? [New]

- (A) Yes → Go to Question 22
- (B) No → Go to Question 23

22. What kind of calculator do you have available for this test? [New]

- (A) Basic four-function (addition, subtraction, multiplication, division)
- (B) Scientific (not graphing)
- (C) Graphing

23. How often do you use these different types of calculators in your mathematics class? Fill in **one** oval on each line. (VB517159) [8/12]

	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)

24. For each of the following activities, how often do you use a **calculator**? Fill in **one** oval on each line. (VB543269) [12]

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

25. When you take a mathematics test or quiz, how often do you use a calculator?  
(VB517158) [4/8/12]

- A Never
- B Sometimes
- C Always

26. What kind of **calculator** do you usually use when you are **not in mathematics class**? (VB543267) [12]

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

27. How much education do you think you will complete? (QK070697) [12]

- A I will not finish high school.
- B I will graduate from high school.
- C I will have some education after high school.
- D I will graduate from college.
- E I will go to graduate school.
- F I don't know.

28. What do you expect that your main activity will be in the year after you leave high school? (VC101417) [12]

- A Working full time
- B Attending a vocational, technical, or business school
- C Attending a two-year college
- D Attending a four-year college, service academy, or university
- E Serving in the military
- F Other

29. How hard was this test compared to most other tests you have taken this year in school? (VB595182) [4/8/12]

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

30. 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) [4/8/12]

- 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

31. How important was it to you to do well on this test? (VB595184) [4/8/12]

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

Student Questionnaire  
 Reading—Grade 12  
 (Incentive Study)

**SECTION 4**

This section has 9 questions. Mark your answers in your booklet. Fill in only **one** oval for each question.

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	
Read for fun on your own time	A	B	C	D	(VB379289)
Talk with your friends or family about something you have read	A	B	C	D	(VB379290)

NOT including reading that you do for school, how often do you spend time reading each of the following types of **fiction**? Fill in **one** oval on each line. (VB345628)

	Never or hardly ever	A few times a year	Once or twice a month	At least once a week	
Comic books or joke books	A	B	C	D	VB345629
Fiction books or stories (books or stories about imagined events)	A	B	C	D	VB345630
Plays	A	B	C	D	VB345631
Poems	A	B	C	D	VB345632



NOT including reading that you do for school, how often do you spend time reading each of the following types of **non-fiction**? Fill in **one** oval on each line. (VB345657)

	Never or hardly ever	A few times a year	Once or twice a month	At least once a week	
Biographies or autobiographies	A	B	C	D	VB345658
Books about science (for example, nature, animals, astronomy)	A	B	C	D	VB345659
Books about technology (for example, machines, computers)	A	B	C	D	VB345660
Books about other countries	A	B	C	D	VB345661
Books about history	A	B	C	D	VB345662
Other non-fiction books	A	B	C	D	VB345664

NOT including reading that you do for school, how often do you spend time reading each of the following types of **articles or stories**? Fill in **one** oval on each line. (VB345640)

	Never or hardly ever	A few times a year	Once or twice a month	At least once a week	
Articles or stories in a newspaper	A	B	C	D	VB345641
Articles or stories in a magazine	A	B	C	D	VB345642
Articles or stories on the Internet	A	B	C	D	VB345643

How hard was this test compared to most other tests you have taken this year in school? (VB595182)

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

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)

- 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

How important was it to you to do well on this test? (VB595184)

- A — Not very important
- B — Somewhat important

- C — Important
- D — Very important

How much education do you think you will complete?—(QK070697)

- A — I will not finish high school.
- B — I will graduate from high school.
- C — I will have some education after high school.
- D — I will graduate from college.
- E — I will go to graduate school.
- F — I don't know.

What do you expect that your main activity will be in the year after you leave high school?—(VC101417)

- A — Working full time
- B — Attending a vocational, technical, or business school
- C — Attending a two-year college
- D — Attending a four-year college, service academy, or university
- E — Serving in the military
- F — Other