



Science

Student Background Questionnaire

2005
Grade 12

SECTION 3

Section 3

In this section, please tell us about yourself and your family. The section has 14 questions. Mark your answers in your booklet.

VB331330

1. Are you Hispanic or Latino? Fill in **one** or **more ovals**.

- (A) No, I am not Hispanic or Latino.
- (B) Yes, I am Mexican, Mexican American, or Chicano.
- (C) Yes, I am Puerto Rican or Puerto Rican American.
- (D) Yes, I am Cuban or Cuban American.
- (E) 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**.

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

Section 3

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

3. Does your family get a newspaper at least four times a week? VB331333
- (A) Yes
- (B) No
- (C) I don't know.
4. Does your family get any magazines regularly? VB331334
- (A) Yes
- (B) No
- (C) I don't know.
5. About how many books are there in your home? VB331335
- (A) Few (0–10)
- (B) Enough to fill one shelf (11–25)
- (C) Enough to fill one bookcase (26–100)
- (D) Enough to fill several bookcases (more than 100)
6. Is there a computer at home that you use? VB331336
- (A) Yes
- (B) No
7. Is there an encyclopedia in your home? It could be a set of books, or it could be on the computer. VB331337
- (A) Yes
- (B) No
- (C) I don't know.
8. About how many pages a day do you have to read in school and for homework? TB001101
- (A) 5 or fewer
- (B) 6–10
- (C) 11–15
- (D) 16–20
- (E) More than 20
9. How often do you talk about things you have studied in school with someone in your family? VB331339
- (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



10. How many days were you absent from school in the last month? VB331447
- Ⓐ None
 - Ⓑ 1 or 2 days
 - Ⓒ 3 or 4 days
 - Ⓓ 5 to 10 days
 - Ⓔ More than 10 days
11. How far in school did your mother go? VB330870
- Ⓐ 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.
12. How far in school did your father go? VB330871
- Ⓐ 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.
13. How often do people in your home talk to each other in a language other than English? VB331451
- Ⓐ Never
 - Ⓑ Once in a while
 - Ⓒ About half of the time
 - Ⓓ All or most of the time
14. Which of the following best describes your high school program? HE002549
- Ⓐ General
 - Ⓑ Academic or college preparatory
 - Ⓒ Vocational or technical



SECTION 4

Section 4

This section has 14 questions. Mark your answers in your booklet. Unless directed otherwise, fill in only **one** oval for each question.

1. How much do you agree with the following statements? Fill in **one** oval on each line.

HE002996

- | | Disagree | Not sure | Agree | |
|---|-------------------------|-------------------------|-------------------------|----------|
| a. I like science. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | HE002997 |
| b. I am good at science. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | HE002998 |
| c. Science is useful for solving everyday problems. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | HE003000 |
| d. Science is boring. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | HE003003 |

2. Are you taking a science course this year?

LC000172

- A Yes
 B No

3. Which courses have you taken from the eighth grade to the present? You should fill in more than one oval in each row if you have taken a course of that description more than once. If you have never taken a particular course, fill in the oval in the column “**Course not taken.**” **Fill in at least one oval in each row.**

	Course not taken	I took this course in 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. Earth (and space) science	(A)	(B)	(C)	(D)	(E)	(F)	ID110226
b. Life science (other than biology)	(A)	(B)	(C)	(D)	(E)	(F)	ID110227
c. Physical science (other than chemistry or physics)	(A)	(B)	(C)	(D)	(E)	(F)	ID110228
d. General science	(A)	(B)	(C)	(D)	(E)	(F)	ID110229
e. Integrated science	(A)	(B)	(C)	(D)	(E)	(F)	ID110230
f. First-year biology	(A)	(B)	(C)	(D)	(E)	(F)	ID110231
g. Second-year biology	(A)	(B)	(C)	(D)	(E)	(F)	ID110232
h. First-year chemistry	(A)	(B)	(C)	(D)	(E)	(F)	ID110233
i. Second-year chemistry	(A)	(B)	(C)	(D)	(E)	(F)	ID110234
j. First-year physics	(A)	(B)	(C)	(D)	(E)	(F)	ID110235
k. Second-year physics	(A)	(B)	(C)	(D)	(E)	(F)	ID110236
l. Science and technology	(A)	(B)	(C)	(D)	(E)	(F)	ID110237
m. Other science course	(A)	(B)	(C)	(D)	(E)	(F)	ID110238

ID110275

4. Are you currently enrolled in or have you taken an Advanced Placement course in science? Fill in ovals for **all** that apply.
- Ⓐ Yes, I am enrolled in or have taken Advanced Placement Biology.
 - Ⓑ Yes, I am enrolled in or have taken Advanced Placement Environmental Science.
 - Ⓒ Yes, I am enrolled in or have taken Advanced Placement Chemistry.
 - Ⓓ Yes, I am enrolled in or have taken Advanced Placement Physics B or C.
 - Ⓔ Yes, I am enrolled in or have taken Advanced Placement Computer Science A or AB.
 - Ⓕ No, I have never taken an Advanced Placement science course.

ID110276

5. Are you currently enrolled in or have you taken International Baccalaureate courses in science?
- Ⓐ Yes
 - Ⓑ No

6. When you study science in school, 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 a science textbook	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003015
b. Read a book or a magazine about science	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003016
c. Discuss science in the news	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003017
d. Work with other students on a science activity or project	Ⓐ	Ⓑ	Ⓒ	Ⓓ	WO001033
e. Give an oral science report	Ⓐ	Ⓑ	Ⓒ	Ⓓ	WO001034
f. Prepare a written science report	Ⓐ	Ⓑ	Ⓒ	Ⓓ	WO001035
g. Do hands-on activities or investigations in science	Ⓐ	Ⓑ	Ⓒ	Ⓓ	LD001451
h. Talk about the measurements and results from your hands-on activities or investigations	Ⓐ	Ⓑ	Ⓒ	Ⓓ	LD001477
i. Use a computer for science	Ⓐ	Ⓑ	Ⓒ	Ⓓ	WO001038
j. Take a science test or quiz	Ⓐ	Ⓑ	Ⓒ	Ⓓ	WO001039
k. Use library resources for science	Ⓐ	Ⓑ	Ⓒ	Ⓓ	WO001040

WO001042

7. When you study science in school, how often does your teacher 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. Do a science demonstration	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	WO001044
b. Use computers for science (e.g., science software, telecommunications)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	WO001046

LC000147

8. Do you ever do science projects in school that take a week or more?

- A Yes
 B No

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9. This year in school, how often have you been asked to write long answers to questions on tests or assignments for science?

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

Section 4

VB595182

10. 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

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?

- Ⓐ 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

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

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

QK070697

13. How much education do you think you will complete?

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

TB005501

14. What do you expect that your main activity will be in the year after you leave high school?

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

