



Science
Student Questionnaire

2015
Grade 12

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 15 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

Section 3

VF291224

13. During this school year, which of the following have you done? Fill in ovals for **all** that apply.

- Ⓐ Taken the SAT or ACT College Entrance Exams
- Ⓑ Submitted the Free Application for Federal Student Aid (FAFSA)
- Ⓒ Applied to a 2-year college
- Ⓓ Been accepted to a 2-year college
- Ⓔ Applied to a 4-year college
- Ⓕ Been accepted to a 4-year college
- Ⓖ Applied to a certificate or diploma program at a school that provides occupational training (such as electrician, beautician, mechanic, computer programmer, etc.)
- Ⓗ Been accepted to a technical training program
- Ⓘ Talked with a military recruiter
- Ⓝ Enlisted in the military
- Ⓚ Applied for a full-time job
- Ⓛ Been interviewed for a full-time job
- Ⓜ None of the above

HE002549

14. Which of the following best describes your high school program?

- Ⓐ General
- Ⓑ Academic or college preparatory
- Ⓒ Vocational or technical

VE102537

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

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SECTION 4

Section 4

This section has 23 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VC305768

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.

	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 am taking or have taken this course in Grade 12	
a. Earth and space science	(A)	(B)	(C)	(D)	(E)	(F)	VC305813
b. Life science (other than biology)	(A)	(B)	(C)	(D)	(E)	(F)	VC305814
c. Physical science (other than chemistry or physics)	(A)	(B)	(C)	(D)	(E)	(F)	VC305815
d. General science	(A)	(B)	(C)	(D)	(E)	(F)	VC305817
e. First-year biology	(A)	(B)	(C)	(D)	(E)	(F)	VC305819
f. Second-year biology	(A)	(B)	(C)	(D)	(E)	(F)	VC305820
g. First-year chemistry	(A)	(B)	(C)	(D)	(E)	(F)	VC305821
h. Second-year chemistry	(A)	(B)	(C)	(D)	(E)	(F)	VC305822
i. First-year physics	(A)	(B)	(C)	(D)	(E)	(F)	VC305823
j. Second-year physics	(A)	(B)	(C)	(D)	(E)	(F)	VC305825
k. Engineering and technology	(A)	(B)	(C)	(D)	(E)	(F)	VC305826
l. Other science course	(A)	(B)	(C)	(D)	(E)	(F)	VC305829

Section 4

ID110276

2. Are you currently enrolled in or have you taken International Baccalaureate® courses in science?

- Ⓐ Yes
- Ⓑ No

VC304768

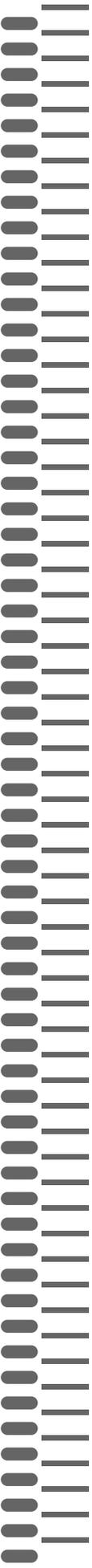
3. Are you currently enrolled in or have you taken any online science courses for high school or college credit?

- Ⓐ Yes
- Ⓑ No

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.



VC305330

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

	Strongly disagree	Disagree	Agree	Strongly agree	
a. I do science-related activities that are not for schoolwork.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC305348
b. I like science.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC305350
c. Science is one of my favorite subjects.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC305351
d. I take science only because I have to.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VC305352
e. I need to do well in science to get the job I want.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH142495
f. I would like a job that involves using science.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH142499

VC720597

6. Are you currently taking a science course?

- A Yes → Go to Question 7.
- B No → Skip to Question 18.

VF633079

7. In your science class this year, how often have you done hands-on activities or projects with any of the following? Fill in **one** oval on each line.

	Never	Rarely	Sometimes	Often	
a. Living things (for example, plants, animals, bacteria)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VF633080
b. Electricity (for example, circuits, batteries, and light bulbs)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VF633083
c. Chemicals (for example, mixing or dissolving sugar or salt in water)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VF633082
d. Rocks or minerals (for example, identifying types)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VF633087
e. Simple machines (for example, pulleys and levers)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VF633086
f. Magnifying glass or microscope (for looking at small things)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VF633084
g. Thermometer or barometer (for making measurements)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VF633085

VC305292

8. In your science class this year, how often do you do each 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. Read a science textbook, in class or at home	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VC546510
b. Read a book or magazine about science topics	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VF633095
c. Use the Internet to learn about science topics	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VF633097
d. Watch a movie, video, or DVD about science topics	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VF633099

VC304769

9. In your science class this year, how often do you do each 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. Discuss events in the news that are related to what you are learning in science class	(A)	(B)	(C)	(D)	(E)	VC304771
b. Work with other students on a science project or activity	(A)	(B)	(C)	(D)	(E)	VC304772
c. Present what you learned about science to your class	(A)	(B)	(C)	(D)	(E)	VC304778
d. Take a science test or quiz	(A)	(B)	(C)	(D)	(E)	VC720564

10. In your science class this year, how often do you do each 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. Identify questions that can be addressed through science experiments	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC720623
b. Design a science experiment	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC720634
c. Talk about measurements you took for your science project or activity	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC720635
d. Talk about the results of your science project or activity	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC720636
e. Watch your teacher do a science experiment or activity	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC720638
f. Make graphs or charts of the results from your science project or activity	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VC720639
g. Write about your science activities or projects (such as reports, science journals, or lab write-ups)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VF633111

VH142438

11. In this school year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments for science?

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

VC546453

12. In this school year, how often have you talked with your teacher about how you are doing in science?

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

VH157884

13. In this school year, how often have you used your school library or media center resources for science (such as books, magazines, computers, and audio-video materials)?

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

VC546463

14. In this school year, how often have you used computers for science?

- Ⓐ 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

VC315291

15. How often do you feel you can understand what the teacher talks about in science class?

- Ⓐ Never or hardly ever
- Ⓑ Sometimes
- Ⓒ Often
- Ⓓ Always or almost always

VC315294

17. How often do you feel you can do a good job on your science assignments?

- Ⓐ Never or hardly ever
- Ⓑ Sometimes
- Ⓒ Often
- Ⓓ Always or almost always

VC315292

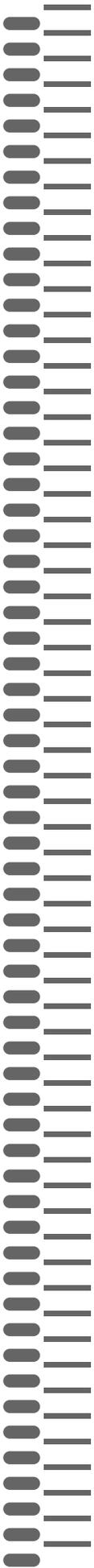
16. How often do you feel you can do a good job on your science tests?

- Ⓐ Never or hardly ever
- Ⓑ Sometimes
- Ⓒ Often
- Ⓓ Always or almost always

VF633128

18. In this school year, have you participated in any of the following activities? Fill in **one** oval on each line.

	Yes	No	
a. Science fair	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VF633132
b. Science club	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VF633134
c. Science competition	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VF633135



VF633304

19. In this school year, have you visited a museum, zoo, or aquarium to learn about science on a school trip?

- (A) Yes
- (B) No

VF633276

20. In this school year, have you visited a museum, zoo, or aquarium to learn about science that was **not** on a school trip?

- (A) Yes
- (B) No

VB595182

21. 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

22. 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

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

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

