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.

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.

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
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)

4. Is there a computer at home that you use?
   ☐ Yes
   ☐ No

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

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

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

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
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.

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.

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

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
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

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

- General
- Academic or college preparatory
- Vocational or technical

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Course not taken</th>
<th>I took this course in Grade 8</th>
<th>I took this course in Grade 9</th>
<th>I took this course in Grade 10</th>
<th>I took this course in Grade 11</th>
<th>I am taking or have taken this course in Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Earth and space science</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. Life science (other than biology)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. Physical science (other than chemistry or physics)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d. General science</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e. First-year biology</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>f. Second-year biology</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>g. First-year chemistry</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>h. Second-year chemistry</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>i. First-year physics</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>j. Second-year physics</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>k. Engineering and technology</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>l. Other science course</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
2. Are you currently enrolled in or have you taken International Baccalaureate® courses in science?
   ☐ Yes
   ☐ No

3. Are you currently enrolled in or have you taken any online science courses for high school or college credit?
   ☐ Yes
   ☐ No

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

<table>
<thead>
<tr>
<th>Strongly disagree</th>
<th>Disagree</th>
<th>Agree</th>
<th>Strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. I do science-related activities that are not for schoolwork.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. I like science.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. Science is one of my favorite subjects.</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>d. I take science only because I have to.</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>e. I need to do well in science to get the job I want.</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>f. I would like a job that involves using science.</td>
<td>☐</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>

6. Are you currently taking a science course?

☐ Yes ➔ Go to Question 7.

☐ No ➔ Skip to Question 18.
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.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Never</th>
<th>Rarely</th>
<th>Sometimes</th>
<th>Often</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Living things (for example, plants, animals, bacteria)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Electricity (for example, circuits, batteries, and light bulbs)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Chemicals (for example, mixing or dissolving sugar or salt in water)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Rocks or minerals (for example, identifying types)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Simple machines (for example, pulleys and levers)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Magnifying glass or microscope (for looking at small things)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. Thermometer or barometer (for making measurements)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. In your science class this year, how often do you do each of the following? Fill in one oval on each line.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Never or hardly ever</th>
<th>Once every few weeks</th>
<th>About once a week</th>
<th>Two or three times a week</th>
<th>Every day or almost every day</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Read a science textbook, in class or at home</td>
<td>A</td>
<td>B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Read a book or magazine about science topics</td>
<td>A</td>
<td>B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Use the Internet to learn about science topics</td>
<td>A</td>
<td>B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Watch a movie, video, or DVD about science topics</td>
<td>A</td>
<td>B</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
9. In your science class this year, how often do you do each of the following? Fill in one oval on each line.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Never or hardly ever</th>
<th>Once every few weeks</th>
<th>About once a week</th>
<th>Two or three times a week</th>
<th>Every day or almost every day</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Discuss events in the news that are related to what you are learning in science class</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>b. Work with other students on a science project or activity</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>c. Present what you learned about science to your class</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>d. Take a science test or quiz</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
</tbody>
</table>
10. In your science class this year, how often do you do each of the following? Fill in one oval on each line.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Never or hardly ever</th>
<th>Once every few weeks</th>
<th>About once a week</th>
<th>Two or three times a week</th>
<th>Every day or almost every day</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Identify questions that can be addressed through science experiments</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>b. Design a science experiment</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>c. Talk about measurements you took for your science project or activity</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>d. Talk about the results of your science project or activity</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>e. Watch your teacher do a science experiment or activity</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>f. Make graphs or charts of the results from your science project or activity</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>g. Write about your science activities or projects (such as reports, science journals, or lab write-ups)</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
</tbody>
</table>

Section 4
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

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

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

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
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

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

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

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

   a. Science fair
   b. Science club
   c. Science competition

   Yes   No
   ☐     ☐
   ☐     ☐
   ☐     ☐
19. In this school year, have you visited a museum, zoo, or aquarium to learn about science on a school trip?
   ☑ Yes
   ☐ No

20. In this school year, have you visited a museum, zoo, or aquarium to learn about science that was not on a school trip?
   ☑ Yes
   ☐ No

21. 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

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?
   ☑ 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

23. How important was it to you to do well on this test?
   ☑ Not very important
   ☐ Somewhat important
   ☐ Important
   ☐ Very important