DIRECTIONS

In the next two sections, you will be asked questions about yourself and your education. The choices for some questions will be written across the page as shown. Fill in the oval for the best answer.

Example 1

<table>
<thead>
<tr>
<th>1. How often do you watch movies on TV?</th>
<th>Never or hardly ever</th>
<th>Once or twice a month</th>
<th>Once or twice a week</th>
<th>Almost every day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

You should have filled in the oval below the answer that best tells how often you watch movies on TV.

The choices for some questions will be written down the page as shown. Now read Example 2 and indicate your answer.

Example 2

2. Which event would you prefer to attend?
   ☐ basketball game
   ☐ car show
   ☐ concert
   ☐ play

Make your answer mark clear and dark in the oval. If you make a mistake or want to change your answer, be sure to completely erase any unwanted marks.

Do not go past the sign at the end of each section until you are told to do so.

If you finish before time is called, go back and check your work on that section only. Use your time carefully. Do as much as you can in each section.
In this section, please tell us about yourself and your family. The section has 14 questions. Mark your answers in your booklet.

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
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?
   - Yes
   - No
   - I don’t know.

4. Does your family get any magazines regularly?
   - Yes
   - No
   - I don’t know.

5. 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)

6. Is there a computer at home that you use?
   - Yes
   - No

7. Is there an encyclopedia in your home? It could be a set of books, or it could be on the computer.
   - Yes
   - No
   - I don’t know.

8. 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

9. 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
10. 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

11. 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.

12. 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.

13. 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

14. Which of the following best describes your high school program?
   ☐ General
   ☐ Academic or college preparatory
   ☐ Vocational or technical
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 only 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 Description</th>
<th>Grade 8</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Earth and space science</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>b. Life science (other than biology)</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>c. Physical science (other than chemistry or physics)</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>d. General science</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>e. First-year biology</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>f. Second-year biology</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>g. First-year chemistry</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>h. Second-year chemistry</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>i. First-year physics</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>j. Second-year physics</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>k. Engineering and technology</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>l. Other science course</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
</tbody>
</table>

This section has 19 questions. Mark your answers in your booklet. Unless directed otherwise, fill in only one oval for each question.
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 take science only because it will help me in the future.</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>f. When I graduate from high school, I would like to have a job related to 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 15.
7. In your science class this year, have you done hands-on activities or projects with any of the following? Fill in one oval on each line.

- a. Living things (for example, plants, animals, bacteria)
- b. Electricity (for example, batteries and light)
- c. Chemicals (for example, mixing or dissolving sugar or salt in water)
- d. Rocks or minerals (for example, identifying types)
- e. Magnifying glass or microscope (for looking at small things)
- f. Thermometer or barometer (for making measurements)
- g. Simple machines (for example, pulleys and levers)

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td></td>
<td></td>
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<tr>
<td>c</td>
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<td>f</td>
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<tr>
<td>g</td>
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</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.

- a. Read a science textbook, in class or at home
- b. Read a book or magazine about science
- c. Read about science on the computer
- d. Watch a movie, video, or DVD about science

<table>
<thead>
<tr>
<th></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</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>b</td>
<td></td>
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<tr>
<td>c</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d</td>
<td></td>
<td></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. Figure out different ways to solve a science problem</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>d. 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>e. 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 a report on your science project or activity</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
</tbody>
</table>
11. In this school year, how often have you been asked to write long answers 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 library resources 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

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 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

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

18. 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.

19. 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 military
   ☐ Other