

## Science Student Questionnaire

2019 Grade 12

| <ul> <li>1. How easy or difficult was this test?</li> <li>⑤ Extremely difficult</li> <li>⑥ Quite difficult</li> <li>⑥ Somewhat difficult</li> <li>⑥ Somewhat easy</li> </ul> |
|--|
| <ul><li> Quite difficult</li><li> Somewhat difficult</li><li> Somewhat easy</li></ul>  |
| <ul><li>Somewhat difficult</li><li>Somewhat easy</li></ul>   |
| © Somewhat easy  |
|  |
| On the same  |
| © Quite easy   |
| © Extremely easy   |
|  |
|  |
| VH333658   |
| 2. How much effort did you apply to succeed on this test?  |
| No effort at all   |
| ® Very little effort   |
| © Some effort  |
| Quite a bit of effort  |
| © A lot of effort  |
|  |
|  |
| VH240387   |
| 3. Are you Hispanic or Latino? Select one or more answer choices.  |
| 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.   |
|  |
|  |

| 4. | Wh         | tich of the following best describes you? Select <b>one or more</b> answer choices. |          |  |  |  |  |  |
|----|------------|---|----------|--|--|--|--|--|
|    | <b>(A)</b> | White   |          |  |  |  |  |  |
|    | B          | Black or African American   |          |  |  |  |  |  |
|    | 0          | Asian   |          |  |  |  |  |  |
|    | 0          | American Indian or Alaska Native  |          |  |  |  |  |  |
|    | Œ          | Native Hawaiian or other Pacific Islander   |          |  |  |  |  |  |
|    |            |   |          |  |  |  |  |  |
|    |            |   |          |  |  |  |  |  |
|    |            |   | VH240186 |  |  |  |  |  |
| 5. | Ab         | out 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.** Do you have any of the following in your home? Select **one** answer choice on each row.

|   | Yes        | No       |          |
|---|------------|----------|----------|
| a. Access to the Internet   | <b>(A)</b> | ®        | VH271105 |
| b. Your own bedroom   | <b>(A)</b> | ®        | VH336762 |
| c. A desktop or laptop computer (including Chromebooks) that you can use              | <b>®</b>   | ®        | VH591976 |
| d. A tablet (for example, Surface Pro, iPad,<br>Kindle Fire) that you can use         | <b>®</b>   | ®        | VH271110 |
| e. A smartphone (for example, iPhone,<br>Samsung Galaxy, HTC One) that you can<br>use | <b>®</b>   | <b>®</b> | VH271112 |

VH354591

- 7. How often do you use the Internet for homework at home?
  - Never
  - About once or twice a month
  - About once or twice a week
  - Almost every day
  - © Every day

- 8. How many days were you absent from school in the last month?
  - None
  - ® 1 or 2 days
  - © 3 or 4 days
  - ① 5 to 10 days
  - More than 10 days

|     |            |  | VH240189 |
|-----|------------|--|----------|
| 9.  |            | w often do you talk about things you have studied in school with someone in ur family? |          |
|     | <b>(A)</b> | Never or hardly ever   |          |
|     | B          | Once every few weeks   |          |
|     | 0          | About once a week  |          |
|     | 0          | Two or three times a week  |          |
|     | Œ          | Every day  |          |
|     |            |  |          |
|     |            |  |          |
|     |            |  | VH240192 |
| 10. | Но         | w far in school did <b>your mother</b> go?   |          |
|     | $\bigcirc$ | She did not finish high school.  |          |
|     | ®          | She graduated from high school.  |          |
|     | 0          | She had some education after high school.  |          |
|     | 0          | She graduated from college.  |          |
|     | Œ          | I don't know.  |          |
|     |            |  |          |
|     |            |  |          |
|     |            |  | VH240193 |
| 11. | Но         | w far in school did <b>your father</b> go?   |          |
|     | <b>(A)</b> | He did not finish high school.   |          |
|     | B          | He graduated from high school.   |          |
|     | 0          | He had some education after high school.   |          |
|     | <b>(</b>   | He graduated from college.   |          |
|     | Œ          | I don't know.  |          |
|     |            |  |          |
|     |            |  |          |

| 12. | Do  | es <b>your mother</b> work? |         |
|-----|---|-----------------------------|---------|
|     | <b>(A)</b>                                  | Yes                         |         |
|     | $^{	ext{																																		$ | No                          |         |
|     | 0   | I don't know.               |         |
|     |   |                             |         |
|     |   |                             |         |
|     |   | VH                          | 1336779 |
| 13. | Do  | es <b>your father</b> work? |         |
|     | $\bigcirc$                                  | Yes                         |         |
|     | ®   | No                          |         |
|     | 0   | I don't know.               |         |

**14.** Do any of the following people live in your home? Select **one** answer choice on each row.

|   | Yes         | No |          |
|---|-------------|----|----------|
| a. Mother                                       | (A)         | ®  | VH271145 |
| b. Stepmother                                   | A           | ®  | VH271146 |
| c. Foster mother or other female legal guardian | <b>(</b> A) | ®  | VH271147 |
| d. Father                                       | A           | ®  | VH271148 |
| e. Stepfather                                   | A           | ®  | VH271149 |
| f. Foster father or other male legal guardian   | A           | ®  | VH271150 |

VH591969

- **15.** In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school?
  - Never
  - In some classes
  - In about half of the classes
  - In more than half of the classes
  - © In all or almost all classes

- **16.** In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?
  - Never
  - In some classes
  - O In about half of the classes
  - In more than half of the classes
  - © In all or almost all classes

17. How much does each of the following statements describe you? Select **one** answer choice on each row. 1

|    |   | Not at all<br>like me | A little bit<br>like me | Somewhat<br>like me | Quite a bit<br>like me | Very much<br>like me |          |
|----|---|-----------------------|-------------------------|---------------------|------------------------|----------------------|----------|
| a. | I finish whatever I begin.  | A                     | B                       | 0                   | 0                      | Œ                    | VH733142 |
| b. | I try very hard even after making mistakes.                                   | <b>(A)</b>            | B                       | 0                   | 0                      | Œ                    | VH733143 |
| c. | I keep working hard<br>even when I feel like<br>quitting.                     | <b>(A)</b>            | ®                       | 0                   | 0                      | ©.                   | VH733145 |
| d. | I keep trying to improve myself, even when it takes a long time to get there. | <b>(A)</b>            | ®                       | 0                   | 0                      | Œ                    | VH733144 |

VH733149

**18.** How much does each of the following statements describe you? Select **one** answer choice on each row.<sup>2</sup>

|    |  | Not at all<br>like me | A little bit<br>like me | Somewhat<br>like me | Quite a bit<br>like me | Very much<br>like me |          |
|----|--|-----------------------|-------------------------|---------------------|------------------------|----------------------|----------|
| a. | I like complex problems more than easy problems.               | <b>®</b>              | ®                       | 0                   | 0                      | Œ                    | VH733150 |
| b. | I like activities that challenge my thinking abilities.        | <b>(A)</b>            | ®                       | 0                   | 0                      | Œ                    | VH733151 |
| c. | I enjoy situations where I will have to think about something. | <b>®</b>              | ®                       | 0                   | 0                      | Œ                    | VH733155 |
| d. | I enjoy thinking about<br>new solutions to<br>problems.        | <b>(A)</b>            | (8)                     | 0                   | 0                      | ©                    | VH733154 |

<sup>&</sup>lt;sup>1</sup> Items 17a-17d are used to create the Students' Persistence in Learning index (NAEPID for index: SQCATS4; NAEPIDs for index items: B034901, B034902, B034903, B034904).

<sup>&</sup>lt;sup>2</sup> Items 18a-18d are used to create the Students' Enjoyment of Complex Problems index (NAEPID for index: SQCATS6; NAEPIDs for index items: B035101, B035102, B035103, B035104).

19. In this school year, how often have you done each of the following? Select **one** answer choice on each row.<sup>3</sup>

|   | Never or hardly ever | Less than<br>half of the<br>time | About half of the time | More than<br>half of the<br>time | All or<br>almost all of<br>the time |          |
|---|----------------------|----------------------------------|------------------------|----------------------------------|-------------------------------------|----------|
| a. I started working on assignments right away rather than waiting until the last minute. | <b>(A)</b>           | ®                                | 0                      | Θ                                | ©.                                  | VH271370 |
| b. I paid attention and resisted distractions.  | A                    | ®                                | 0                      | 0                                | Œ                                   | VH271372 |
| c. I stayed on task without reminders from my teacher.                                    | (A)                  | ®                                | 0                      | 0                                | Œ                                   | VH271374 |
| d. I paid attention in class even when I was not interested.                              | S (A)                | ®                                | ©                      | 0                                | ©.                                  | VH271375 |

**20.** In this school year, how often have you felt any of the following ways about your school? Select **one** answer choice on each row.

VH271934

|   | Never or hardly ever | Less than<br>half of the<br>time | About half of the time | More than half of the time | All or<br>almost all of<br>the time |          |
|---|----------------------|----------------------------------|------------------------|----------------------------|-------------------------------------|----------|
| a. I felt awkward and out of place at school.                       | <b>(A)</b>           | B                                | 0                      | 0                          | ©                                   | VH271942 |
| b. I felt happy at school.  | (A)                  | ®                                | 0                      | 0                          | (E)                                 | VH271944 |
| c. I felt that I learned something that I can use in my daily life. | <b>(A)</b>           | ®                                | 0                      | 0                          | Œ                                   | VH336903 |

- **21.** Are you taking an art course this school year (for example, drawing, painting, or studio art)?
  - A Yes
  - ® No

<sup>&</sup>lt;sup>3</sup> Items 19a-19d are used to create the Students' Academic Self-Discipline index (NAEPID for index: SQCATS5; NAEPIDs for index items: B035001, B035002, B035003, B035004).

**22.** During this school year, which of the following have you done? Select **one** answer on each row.

|   | Yes        | No |          |
|---|------------|----|----------|
| a. Taken the SAT or ACT College Entrance<br>Exams   | <b>®</b>   | ®  | VH740702 |
| b. Submitted the Free Application for Federal Student Aid (FAFSA)   | <b>®</b>   | ®  | VH740703 |
| c. Applied to a 2-year college  | <b>(A)</b> | ®  | VH740704 |
| d. Been accepted to a 2-year college  | <b>(A)</b> | ®  | VH740705 |
| e. Applied to a 4-year college  | (A)        | ®  | VH740706 |
| f. Been accepted to a 4-year college  | (A)        | ®  | VH740708 |
| g. Applied to a certificate or diploma program at a school that provides occupational training (such as electrician, beautician, mechanic, computer programmer, etc.) | <b>®</b>   | ®  | VH740709 |
| h. Been accepted to a technical training program  | <b>®</b>   | ®  | VH740710 |
| i. Talked with a military recruiter   | (A)        | ®  | VH740711 |
| j. Enlisted in the military   | <b>(A)</b> | ®  | VH740712 |
| k. Applied for a full-time job  | (A)        | ®  | VH740713 |
| 1. Been interviewed for a full-time job   | <b>(A)</b> | ®  | VH740714 |

- 23. Which of the following best describes your high school program?
  - General
  - Academic or college preparatory
  - © Vocational or technical

**24.** 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. Select **one** answer choice on each row. INCLUDE courses taken in summer school, but DO NOT INCLUDE topics that were only taught as part of a longer course.

|    |   | I did not<br>take this<br>course. | I took this<br>course in<br>Grade 8. | I took this<br>course in<br>Grade 9. | I took this<br>course in<br>Grade 10. | I took this<br>course in<br>Grade 11. | I am<br>taking or<br>have<br>taken this<br>course in<br>Grade 12. |          |
|----|---|-----------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---|----------|
| a. | General science   | (A)                               | ®                                    | 0                                    | 0                                     | Ē                                     | Ē   | VH241150 |
| b. | First-year biology  | (4)                               | ®                                    | 0                                    | 0                                     | Ē                                     | Ē   | VH241151 |
| c. | Second-year<br>biology                                      | (A)                               | ®                                    | 0                                    | 0                                     | Ē                                     | (F)   | VH241159 |
| d. | Life science (other than biology)                           | A                                 | ®                                    | 0                                    | 0                                     | Œ                                     | Ē   | VH241148 |
| e. | First-year<br>chemistry                                     | A                                 | ®                                    | 0                                    | 0                                     | ©                                     | (Ē  | VH241154 |
| f. | Second-year<br>chemistry                                    | A                                 | ®                                    | 0                                    | 0                                     | Œ                                     | (F)   | VH241155 |
| g. | First-year physics  | (4)                               | ®                                    | 0                                    | 0                                     | Ē                                     | Ē   | VH241156 |
| h. | Second-year physics   | (A)                               | ®                                    | 0                                    | 0                                     | Ē                                     | (Ē  | VH241157 |
| i. | Physical science<br>(other than<br>chemistry or<br>physics) | <b>(A)</b>                        | ®                                    | 0                                    | 0                                     | ©                                     | Œ   | VH241149 |
| j. | Earth and space science                                     | A                                 | ®                                    | 0                                    | 0                                     | Œ                                     | (F)   | VH241147 |
| k. | Engineering and technology                                  | A                                 | ®                                    | 0                                    | 0                                     | Ē                                     | (F)   | VH241158 |

VH240111

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

A Yes

No

VH240377

- **26.** Are you currently enrolled in or have you taken an Advanced Placement<sup>®</sup> course in science? Select **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.
  - Tes, I am enrolled in or have taken Advanced Placement Physics C.
  - © Yes, I am enrolled in or have taken Advanced Placement Physics 1.
  - © Yes, I am enrolled in or have taken Advanced Placement Physics 2.
  - © Yes, I am enrolled in or have taken Advanced Placement Computer Science A.
  - Tes, I am enrolled in or have taken Advanced Placement Computer Science Principles.
  - O No, I have never taken an Advanced Placement science course.

- **27.** Are you currently taking a science course?
  - A Yes
  - ® No

**28.** In your science class this year, how often have you done hands-on activities or projects on any of the following topics? Select **one** answer choice on each row.

|    |  | Never or hardly ever | Once in a<br>while | Sometimes | Often | Very often |          |
|----|--|----------------------|--------------------|-----------|-------|------------|----------|
| a. | Living things (for example, plants, animals, or bacteria)                              | <b>®</b>             | ®                  | 0         | 0     | Œ          | VH639072 |
| b. | Electricity (for example, circuits, batteries, or light bulbs)                         | (4)                  | ®                  | 0         | 0     | ©          | VH639074 |
| c. | Chemicals (for example, vinegar, baking soda, or hydrogen peroxide)                    | (8)                  | ®                  | 0         | 0     | Œ          | VH639073 |
| d. | Rocks or minerals (for example, diamond, iron, or lava rock)                           | <b>(</b> A)          | ®                  | 0         | 0     | Œ          | VH639077 |
| e. | Technology and<br>engineering (for<br>example, robots,<br>pulley systems, or<br>ramps) | 0                    | ®                  | 0         | Θ     | Œ          | VH639076 |

**29.** In your science class this year, how often have you done each of the following activities? Select **one** answer choice on each row.

|    |  | Never or hardly ever | Once in a<br>while | Sometimes | Often | Always or<br>almost<br>always |          |
|----|--|----------------------|--------------------|-----------|-------|-------------------------------|----------|
| a. | Read from a science<br>textbook (print or<br>digital)                    | <b>®</b>             | ß                  | 0         | 0     | ©.                            | VH639313 |
| b. | Read a book or<br>magazine (print or<br>digital) about science<br>topics | (9)                  | ®                  | 0         | Θ     | <u>(</u>                      | VH639315 |
| c. | Used the Internet to learn about science topics                          | (8)                  | ®                  | 0         | 0     | Œ                             | VH639314 |
| d. | Watched a short video clip, movie, or video about science topics         | (A)                  | ®                  | 0         | 0     | Œ                             | VH639312 |
| e. | Used a magnifying glass or microscope                                    | A                    | B                  | 0         | 0     | Œ                             | VH887984 |
| f. | Used a thermometer or weighing scale for making measurements             | (8)                  | ®                  | 0         | 0     | Œ                             | VH639078 |

**30.** In this school year, how often have you done the following activities in your science class? Select **one** answer choice on each row.

|    |   | Never or hardly ever | Once in a<br>while | Sometimes | Often | Always or<br>almost<br>always |          |
|----|---|----------------------|--------------------|-----------|-------|-------------------------------|----------|
| a. | Came up with research questions to explore how something works  | (8)                  | ®                  | 0         | 0     | Œ                             | VH639744 |
| b. | Made drawings that explain why or how something happens   | <b>(</b> A)          | ®                  | 0         | 0     | Œ                             | VH639749 |
| c. | Came up with experiments that you could use to answer a research question   | (4)                  | ®                  | 0         | Θ     | ©                             | VH639753 |
| d. | Used tables or graphs to identify relationships between variables   | (4)                  | ®                  | 0         | •     | Œ                             | VH639760 |
| e. | Used math equations to explain or support scientific conclusions  | <b>(A)</b>           | ®                  | 0         | 0     | Œ                             | VH639763 |
| f. | Used evidence from experiments to explain why something happens   | <b>(</b>             | ®                  | 0         | 0     | ©                             | VH639765 |
| g. | Used information to disagree with someone about a scientific idea   | <b>(A)</b>           | ®                  | 0         | 0     | Œ                             | VH639770 |
| h. | Combined information<br>about science from<br>multiple sources (for<br>example, books,<br>websites, or articles)<br>for an assignment | (4)                  | ®                  | 0         | Φ     | Œ                             | VH639777 |

**31.** How much does each of the following statements describe you? Select **one** answer choice on each row.

|    |  | Not at all<br>like me | A little bit<br>like me | Somewhat<br>like me | Quite a bit<br>like me | Exactly like<br>me |          |
|----|--|-----------------------|-------------------------|---------------------|------------------------|--------------------|----------|
| a. | I want other students to think I am good at science.                                   | (A)                   | ®                       | 0                   | 0                      | ©.                 | VH639080 |
| b. | I want to show others<br>that science<br>schoolwork is easy for<br>me.                 | (4)                   | <b>®</b>                | 0                   | Θ                      | (£)                | VH639082 |
| c. | I want to look smart in<br>comparison to the<br>other students in my<br>science class. | (4)                   | ®                       | 0                   | Θ                      | (L)                | VH639084 |
| d. | I want to get better<br>grades than most other<br>students in my science<br>class.     | <b>(</b> A)           | <b>®</b>                | 0                   | 0                      | Œ                  | VH860366 |

**32.** How much does each of the following statements describe you? Select **one** answer choice on each row.<sup>5</sup>

|    |   | Not at all<br>like me | A little bit<br>like me | Somewhat<br>like me | Quite a bit<br>like me | Exactly like<br>me |          |
|----|---|-----------------------|-------------------------|---------------------|------------------------|--------------------|----------|
| a. | I want to learn as<br>much as possible in<br>my science class.  | <b>(A)</b>            | ®                       | 0                   | 0                      | ©.                 | VH639086 |
| b. | I want to become better in science this year.                   | (A)                   | ®                       | 0                   | 0                      | Œ                  | VH639087 |
| c. | I want to understand as much as I can in my science class.      | (8)                   | ®                       | 0                   | 0                      | Œ                  | VH639089 |
| d. | I want to master a lot<br>of new skills in my<br>science class. | <b>(A)</b>            | ®                       | 0                   | 0                      | Œ                  | VH860369 |

<sup>&</sup>lt;sup>4</sup> Items 31a-31d are used to create the Students' Science Performance Goals index (NAEPID for index: SQCATS9; NAEPIDs for index items: K823501, K823502, K823503, K823504).

<sup>&</sup>lt;sup>5</sup> Items 32a-32d are used to create the Students' Science Mastery Goals index (NAEPID for index: SQCTS10; NAEPIDs for index items: K823601, K823602, K823603, K823604).

# **33.** How much does each of the following statements describe you? Select **one** answer choice on each row.

|    |  | Not at all<br>like me | A little bit<br>like me | Somewhat<br>like me | Quite a bit<br>like me | Exactly like<br>me |          |
|----|--|-----------------------|-------------------------|---------------------|------------------------|--------------------|----------|
| a. | I enjoy science activities.                                      | <b>(A)</b>            | ®                       | 0                   | 0                      | Œ                  | VH639117 |
| b. | I look forward to my science class.                              | A                     | B                       | 0                   | 0                      | Œ                  | VH639120 |
| c. | I am interested in the things I learn in science class.          | <b>(A)</b>            | ®                       | 0                   | 0                      | ©.                 | VH639122 |
| d. | I think making an effort in science class is worthwhile.         | <b>(A)</b>            | ®                       | 0                   | 0                      | ©                  | VH639125 |
| e. | I think science will<br>help me even when I<br>am not in school. | <b>®</b>              | ®                       | 0                   | 0                      | Œ                  | VH639127 |
| f. | I think it is important to do well on science assignments.       | <b>®</b>              | ®                       | O                   | 0                      | Ē                  | VH639128 |

<sup>&</sup>lt;sup>6</sup> Items 33a-33f are used to create the Students' Interest/Enjoyment in Science index (NAEPID: SQCATS8; NAEPIDs for index items: K823801, K823802, K823803, K823804, K823805, K823806).

**34.** In this school year, how often have you done each of the following activities **outside of school**? Select **one** answer choice on each row.

|    |   | Never    | About once or twice a year | About once or twice a month | About once or twice a week | Every day or<br>almost<br>every day |          |
|----|---|----------|----------------------------|-----------------------------|----------------------------|-------------------------------------|----------|
| a. | Worked on<br>science-related<br>projects (for example,<br>making a volcano,<br>growing plants from<br>seeds, or building<br>simple rockets) | <b>(</b> | ®                          | 0                           | Φ                          | ©.                                  | VH859162 |
| b. | Used scientific tools<br>(for example,<br>microscopes,<br>thermometers,<br>beakers, or weighing<br>scales)                                  | (4)      | ®                          | 0                           | 0                          | (£)                                 | VH891927 |
| c. | Read about science<br>topics in books or<br>magazines (print or<br>digital)   | <b>®</b> | ®                          | 0                           | Φ                          | ©.                                  | VH638987 |
| d. | Attended clubs or programs that include science or engineering activities (for example, chemistry club, robotics club, or coding programs)  | <b>(</b> | ®                          | 0                           | Θ                          | ©.                                  | VH893268 |

**35.** Thinking about science, do you think that you would be able to do each of the following activities? Select **one** answer choice on each row.<sup>7</sup>

|    |   | I definitely can't | I probably can't | Maybe | I probably can | I definitely can |          |
|----|---|--------------------|------------------|-------|----------------|------------------|----------|
| a. | Describe how the length of a vibrating string affects the sound it makes  | 0                  | ®                | 0     | 0              | Œ                | VH638870 |
| b. | Design an experiment<br>to show how sunlight<br>affects the growth of a<br>plant  | (4)                | <b>®</b>         | 0     | 0              | Œ                | VH638872 |
| c. | Decide which tool to use if you want to measure wind speed  | <b>(A)</b>         | B                | 0     | 0              | Œ                | VH638883 |
| d. | Design an experiment<br>to test how the growth<br>of a plant is affected by<br>light, water, and soil<br>quality                  | <b>(</b>           | <b>®</b>         | 0     | 0              | Œ                | VH638877 |
| e. | Create a diagram that<br>shows how bees and<br>plants need each other<br>for survival   | (4)                | ®                | 0     | 0              | Œ                | VH638878 |
| f. | Describe how the combination of parental genes can result in different traits in their offspring (for example, eye or hair color) | (4)                | <b>®</b>         | 0     | Φ              | Œ                | VH638879 |

<sup>&</sup>lt;sup>7</sup> Items 35a-35f are used to create the Students' Confidence in Science Knowledge/Skills index (NAEPID: SQCATS7; NAEPIDs for index items: K823402, K823403, K823406, K823407, K823408, K823409).

|     |            |   | VH743438 |
|-----|------------|---|----------|
| 36. |            | w often do you talk about things you have learned in science class with meone in your family? |          |
|     | <b>(A)</b> | Never or hardly ever  |          |
|     | B          | Once in a while   |          |
|     | 0          | Sometimes   |          |
|     | 0          | Often   |          |
|     | (E)        | Very often  |          |

- **37.** How likely are you to pursue a career in science?
  - Not at all likely
  - ® Not likely
  - © Somewhat likely
  - Quite likely
  - © Extremely likely

**38.** In this school year, have you done any of the following activities to prepare for a career in science? Select **one** answer choice on each row.

|    |  | Yes      | No       |          |
|----|--|----------|----------|----------|
| a. | Spoken with a guidance counselor or teacher about science-related careers          | <b>®</b> | ®        | VH640754 |
| b. | Spoken with a guidance counselor or teacher about science-related college programs | (9)      | <b>®</b> | VH640757 |
| c. | Shadowed a person who does science-related work at his or her job                  | <b>®</b> | <b>®</b> | VH640771 |
| d. | Worked as an intern or employee doing science-related work                         | <b>®</b> | ®        | VH640773 |