



Science School Questionnaire

**2018
Grade 12
(Pilot)**

Pilot

1. Beginning with ninth grade, how many years (or Carnegie-unit equivalents) of course work in science does your school or district require for graduation?

- Ⓐ Less than two years
- Ⓑ Two years
- Ⓒ Three years
- Ⓓ Four years
- Ⓔ More than four years

2. Does your school offer online science courses for credit?

- Ⓐ Yes
- Ⓑ No

Pilot

3. Are courses of at least one semester in length taught in your school in each of the following subjects? Select **one** circle in each row.

	Yes	No	
a. Advanced Placement [®] Biology	<input type="radio"/> A	<input type="radio"/> B	VH240997
b. Advanced physics (beyond an introductory course)	<input type="radio"/> A	<input type="radio"/> B	VH240996
c. Advanced biology (beyond an introductory course)	<input type="radio"/> A	<input type="radio"/> B	VH240994
d. Advanced chemistry (beyond an introductory course)	<input type="radio"/> A	<input type="radio"/> B	VH240995
e. International Baccalaureate [®] Design Technology	<input type="radio"/> A	<input type="radio"/> B	VH241004
f. Advanced technology (beyond an introductory course)	<input type="radio"/> A	<input type="radio"/> B	VH241005
g. International Baccalaureate Chemistry	<input type="radio"/> A	<input type="radio"/> B	VH241002
h. International Baccalaureate Physics	<input type="radio"/> A	<input type="radio"/> B	VH241003
i. International Baccalaureate Biology	<input type="radio"/> A	<input type="radio"/> B	VH240986
j. Advanced environmental science (beyond an introductory course)	<input type="radio"/> A	<input type="radio"/> B	VH241019
k. International Baccalaureate Environmental Systems and Societies	<input type="radio"/> A	<input type="radio"/> B	VH241001
l. Advanced Placement Environmental Science	<input type="radio"/> A	<input type="radio"/> B	VH240998
m. Advanced Placement Chemistry	<input type="radio"/> A	<input type="radio"/> B	VH240999
n. Advanced Placement Physics C	<input type="radio"/> A	<input type="radio"/> B	VH241000
o. Advanced Placement Physics 1	<input type="radio"/> A	<input type="radio"/> B	VH748759
p. Advanced Placement Physics 2	<input type="radio"/> A	<input type="radio"/> B	VH748760
q. Advanced Placement Computer Science A	<input type="radio"/> A	<input type="radio"/> B	VH241013
r. Advanced Placement Computer Science Principles	<input type="radio"/> A	<input type="radio"/> B	VH748761

4. In addition to their regular classroom teacher, are there any additional full- or part-time science staff (e.g., a science specialist, science lead teacher, science supervisor, or science department head) available to twelfth-grade students at your school?

- A Yes, available full-time to twelfth-grade students
- B Yes, available part-time to twelfth-grade students
- C No → Question 5 is not applicable and will be skipped.

5. To what extent is each of the following a responsibility of the additional science staff available to twelfth-grade students at your school? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Provide science course-related support, remediation, or intervention to individual students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH241456
b. Provide science course-related support, remediation, or intervention to groups of students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH241457
c. Provide science enrichment to individual students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH241458
d. Provide science enrichment to groups of students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH241459

6. Are there any additional full- or part-time science staff (e.g., a science coach, science lead teacher, science supervisor, or science department head) available to twelfth-grade teachers at your school?

- Ⓐ Yes, available full-time to twelfth-grade teachers
- Ⓑ Yes, available part-time to twelfth-grade teachers
- Ⓒ No → Question 7 is not applicable and will be skipped.

7. To what extent is each of the following a responsibility of the additional science staff available to twelfth-grade teachers at your school? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Provide support/assistance with science content or the teaching of science to individual teachers	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH241461
b. Provide technical support/assistance with lab equipment to individual teachers	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH640273
c. Conduct professional development about science or the teaching of science for groups of teachers	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH241462

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8. To what extent is your school's science program structured according to the following resources? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. District curriculum standards or curriculum guides	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241307
b. State curriculum standards or frameworks	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241306
c. Standards or frameworks common to several states	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH705771
d. In-school curriculum frameworks and standards for learning	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241309
e. Results from school assessments (e.g., quizzes or tests created by teachers)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241314
f. Results from district assessments	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH640850
g. Results from state assessments	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH640851
h. Results from national assessments	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH705772
i. Recommendations from school science department	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241311
j. Discretion of individual teachers	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241312
k. Commercially designed programs	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241313
l. Resources found on the Internet	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH640857

9. To what extent does your school provide up-to-date technology resources for science teaching and learning?

- A Not at all
 B Small extent
 C Moderate extent
 D Large extent

10. Does your school have laboratory facilities for twelfth-grade science instruction?

A Yes

B No → Question 11 is not applicable and will be skipped.

11. To what extent do your school's science laboratories that are available for twelfth-grade instruction have the following features? Select **one** circle in each row.

	Not at all	Small extent	Moderate extent	Large extent	
a. Demonstration stations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241465
b. Student lab stations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241466
c. Storage areas for chemicals and other supplies	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241467
d. Electricity	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241468
e. Running water	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241469
f. Gas for burners	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241470
g. Hoods or air hoses	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241471
h. Safety equipment (e.g., goggles, fire extinguishers, or eye wash stations)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241472
i. Computers and other digital devices	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241473
j. Internet connection	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH241474

12. In this school year, are any of the following types of science clubs offered to twelfth-grade students in your school? Select **one** circle in each row.

	Yes	No	
a. Parent volunteered (initiated and run by individual parents)	<input type="radio"/> A	<input type="radio"/> B	VH643899
b. Teacher volunteered (initiated and run by individual teachers)	<input type="radio"/> A	<input type="radio"/> B	VH241507
c. School sponsored (initiated by school and run by school designated personnel)	<input type="radio"/> A	<input type="radio"/> B	VH241509
d. Partnered with external agencies (e.g., universities, science museums, or companies)	<input type="radio"/> A	<input type="radio"/> B	VH241508

13. To what extent does your school provide twelfth-grade students with the following learning experiences? Select **one** circle in each row.

	Not at all	1–2 times per year	3 or more times per year	
a. Science fairs	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH241511
b. Science competitions	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH241512
c. Science-related field trips (e.g., museums, zoos, aquariums, science centers, or other similar sites)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH241513