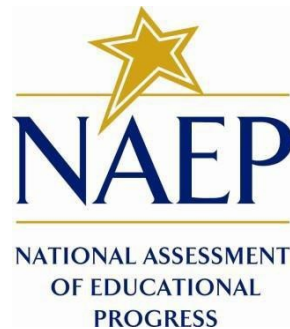


*NATIONAL CENTER FOR EDUCATION STATISTICS NATIONAL
ASSESSMENT OF EDUCATIONAL PROGRESS*

National Assessment of Educational Progress (NAEP) 2027

*Appendix J2
2027 Teacher Questionnaires*

OMB# 1850-0928 v.40



July 2027

Please note, the items will be appropriately numbered when they appear in the platform for the respondent.

Table of Contents

Teacher Questionnaires

2027 Teacher and School Questionnaire Login Screen	3
Appendix J2-1: 2027 Grade 8 Teacher (Core)	4
Appendix J2-2: 2027 Grade 8 Teacher (Science Pilot)	7

2027 Teacher and School Questionnaire Login Screen



NAEPq 2027

Teacher & School Questionnaire

To support the National Center for Education Statistics (NCES) in the collection of responses to teacher and school survey questionnaires for the National Assessment of Educational Progress (NAEP) program, your email address is secured in the application database and is only available to NCES and NAEP contractor staff. Your email address is not shared and is used only to create a unique identifier for the survey application. Only the unique identifier is associated with survey responses for data analysis purposes.

If you have any questions, feel free to contact us at: NAEPHelp@westat.com

User ID: myEmail+0@gmail.com

Access Code:

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Submit

When you have finished or if you need to stop before finishing, please LOG OUT of the survey system by clicking "Exit."

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NAEPq 2027

Teacher & School Questionnaire

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User ID: myEmail+0@gmail.com

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Acknowledge

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NCES estimates the time required to complete this information collection to average 20 minutes, including the time to review instructions and complete and review the information collection. This voluntary information collection was reviewed and approved by OMB (Control No. 1850-0928). If you have any comments concerning the accuracy of the time estimate, suggestions for improving this collection, or any comments or concerns regarding the status of your individual submission, please write to: *National Assessment of Educational Progress (NAEP), National Center for Education Statistics (NCES), Lyndon Baines Johnson Department of Education Building, 400 Maryland Ave., SW, 5th floor, Washington, DC 20202*, or send an email to: nces.information.collections@ed.gov.

OMB No. 1850-0928 APPROVAL EXPIRES 5/31/2029

Appendix J2-1: 2027 Grade 8 Teacher (Core)

VH240195

1. Excluding student teaching, how many years have you worked as an elementary or secondary teacher, counting this year?

☐ A Less than 1 year

☐ B 1–2 years

☐ C 3–5 years

☐ D 6–10 years

☐ E 11–20 years

☐ F 21 or more years

VH240203

2. Excluding student teaching, how many years have you taught science in grades 6 through 12, counting this year?

☐ A Less than 1 year

☐ B 1–2 years

☐ C 3–5 years

☐ D 6–10 years

☐ E 11–20 years

☐ F 21 or more years

VH547397

3. Have you been awarded tenure by the school, district, or diocese where you currently teach?

☐ A Yes

☐ B No

☐ C My school, district, or diocese does not award tenure.

4. Do you hold a regular or standard certificate that is valid in the state in which you are currently teaching?

- Ⓐ Yes, I hold a permanent certificate.
- Ⓑ Yes, I hold a temporary certificate. (This type of certificate may require additional coursework, student teaching, etc.)
- Ⓒ No, but I am currently working toward certification.
- Ⓓ No, but I am planning to obtain certification in the future.
- Ⓔ No, and I am not planning to obtain certification.

5. Did you enter teaching through an alternative route to certification program?

(An alternative route to certification program is a program that was designed to expedite the transition of non-teachers to a teaching career, e.g., a state, district, or university alternative route to certification program.)

- Ⓐ Yes
- Ⓑ No

6. What is the highest academic degree you hold?

- Ⓐ High school diploma
- Ⓑ Associate's degree/vocational certification
- Ⓒ Bachelor's degree
- Ⓓ Master's degree
- Ⓔ Education specialist's or professional diploma based on at least one year's work past master's degree
- Ⓕ Doctorate
- Ⓖ Professional degree (e.g., M.D., LL.B., J.D., D.D.S.)

7. Did you have a major, minor, or special emphasis in any of the following subjects as part of your undergraduate coursework?

Select one answer choice on each row.

	Yes, a major	Yes, a minor or special emphasis	No
VH241768 a. Biology or other life science	☐ A	☐ B	☐ C
VH241769 b. Physics, chemistry, or other physical science	☐ A	☐ B	☐ C
VH241770 c. Earth or space science	☐ A	☐ B	☐ C
VH241771 d. Mathematics or mathematics education	☐ A	☐ B	☐ C
VH241772 e. Science education	☐ A	☐ B	☐ C
VH241780 f. Engineering or engineering education	☐ A	☐ B	☐ C
VH241767 g. Elementary or secondary education	☐ A	☐ B	☐ C
VH241781 h. Special education (including students with disabilities)	☐ A	☐ B	☐ C
VH241782 i. English language learning	☐ A	☐ B	☐ C

8. Did you have a major, minor, or special emphasis in any of the following subjects as part of your graduate coursework?

Select one answer choice on each row.

	Yes, a major	Yes, a minor or special emphasis	No
VH241798 a. Biology or other life science	☐ A	☐ B	☐ C
VH241799 b. Physics, chemistry, or other physical science	☐ A	☐ B	☐ C
VH241800 c. Earth or space science	☐ A	☐ B	☐ C
VH241801 d. Mathematics or mathematics education	☐ A	☐ B	☐ C
VH241802 e. Science education	☐ A	☐ B	☐ C
VH241806 f. Engineering or engineering education	☐ A	☐ B	☐ C
VH241797 g. Elementary or secondary education	☐ A	☐ B	☐ C
VH241807 h. Special education (including students with disabilities)	☐ A	☐ B	☐ C
VH241808 i. English language learning	☐ A	☐ B	☐ C

Appendix J2-2: 2027 Grade 8 Teacher (Science Pilot)

VS035933

1. Which best describes your role in teaching science to this class?

- ☐ Ⓐ I do not teach science to this class.
- ☐ Ⓑ I teach all or most subjects, including science.
- ☐ Ⓒ The only subject I teach is science.
- ☐ Ⓓ We team teach, and I have primary responsibility for teaching science.
- ☐ Ⓔ We team teach, and I do not have primary responsibility for teaching science.

VR961398

2. Which best describes how science instruction is organized for eighth-grade students at this school?

- ☐ Ⓐ Science is taught primarily as a discrete subject with little or no integration with instruction in other subjects.
- ☐ Ⓑ Some science instruction is integrated with other subjects, and some science instruction is presented as a discrete subject.
- ☐ Ⓒ Science lessons are primarily integrated with instruction in other subjects.

VH859314

3. In a typical week, how much time do you spend teaching science to the students in this class?

Enter the hours and minutes and include in-class time only.

hours and minutes per week

4. In your class this year, how often do your students engage in each of the following during science instruction?

Select one answer choice on each row.

	Never or hardly ever	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day
VS015779 a. Asking science questions or defining design problems	☐ A	☐ B	☐ C	☐ D	☐ E
VS015780 b. Planning or carrying out investigations	☐ A	☐ B	☐ C	☐ D	☐ E
VS015781 c. Analyzing or interpreting data	☐ A	☐ B	☐ C	☐ D	☐ E
VS015782 d. Using mathematics or computational thinking	☐ A	☐ B	☐ C	☐ D	☐ E
VS015783 e. Developing or using models	☐ A	☐ B	☐ C	☐ D	☐ E
VS015784 f. Constructing explanations of phenomena or designing solutions	☐ A	☐ B	☐ C	☐ D	☐ E
VS015785 g. Engaging in an argument from evidence	☐ A	☐ B	☐ C	☐ D	☐ E
VS015786 h. Obtaining, evaluating, or communicating information	☐ A	☐ B	☐ C	☐ D	☐ E

5. In your class this year, how often do your students engage in each of the following during science instruction?

Select one answer choice on each row.

	Never or hardly ever	A few times a year	Once or twice a month	Once or twice a week	Every day or almost every day
VR946360 a. Evaluating whether an investigation will provide the evidence needed to answer a scientific question	☐ A	☐ B	☐ C	☐ D	☐ E
VR946361 b. Identifying evidence that could be used to refute a claim about a phenomenon	☐ A	☐ B	☐ C	☐ D	☐ E
VR946362 c. Evaluating the limitations of a model of a phenomenon	☐ A	☐ B	☐ C	☐ D	☐ E
VR946363 d. Identifying relationships among parts in a system to predict changes in a phenomenon	☐ A	☐ B	☐ C	☐ D	☐ E
VR946364 e. Assessing the possible bias of an article written on a science topic	☐ A	☐ B	☐ C	☐ D	☐ E
VR946365 f. Analyzing data to provide evidence to use to improve a design solution	☐ A	☐ B	☐ C	☐ D	☐ E
VR946366 g. Using algorithms or a series of ordered steps to solve a design problem	☐ A	☐ B	☐ C	☐ D	☐ E
VR961400 h. Participating in an engineering design challenge	☐ A	☐ B	☐ C	☐ D	☐ E

7. About how often do your students do each of the following activities during science instruction?

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 almost every day
VR904133 a. Evaluate other students' arguments for the best way to solve a design problem	☐ A	☐ B	☐ C	☐ D	☐ E
VR904134 b. Work with other students to use data to figure out how variables are related	☐ A	☐ B	☐ C	☐ D	☐ E
VR904135 c. Work with other students to design an investigation to answer a question	☐ A	☐ B	☐ C	☐ D	☐ E
VR961411 d. Use AI tools to obtain information about a question or argument	☐ A	☐ B	☐ C	☐ D	☐ E

8. In your class this year, how often are each of the following true of your students?

Select one answer choice on each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always
VR875501 a. My students work in groups of similar ability during science instruction.	☐	☐	☐	☐	☐
VR875502 b. My students work in groups that differ in ability during science instruction.	☐	☐	☐	☐	☐
VR946528 c. My students work on their own during science instruction.	☐	☐	☐	☐	☐
VR875504 d. My students ask questions during science instruction.	☐	☐	☐	☐	☐
VR875505 e. My students stay on task when working on a science question or design problem.	☐	☐	☐	☐	☐
VR875506 f. My students work together to figure out challenging science questions.	☐	☐	☐	☐	☐
VR875507 g. My students challenge each other's science ideas.	☐	☐	☐	☐	☐
VR875508 h. My students share their viewpoints about science ideas during class discussions.	☐	☐	☐	☐	☐

9. Thinking about science instruction in your class this year, how much emphasis did you place on engaging your students in each of the following?

Select one answer choice on each row.

	No emphasis	Very little emphasis	Some emphasis	Quite a bit of emphasis	A lot of emphasis
VR875450 a. Asking questions about a scientific phenomenon	☐	☐	☐	☐	☐
VR961401 b. Developing investigations to answer a scientific question	☐	☐	☐	☐	☐
VR875451 c. Using data to support their explanation of why something happens	☐	☐	☐	☐	☐
VR875452 d. Analyzing data in tables or graphs to see how variables are related	☐	☐	☐	☐	☐
VR961402 e. Using a model to develop a solution to a design problem	☐	☐	☐	☐	☐
VR875455 f. Developing arguments based on evidence	☐	☐	☐	☐	☐
VR875456 g. Evaluating information from different sources	☐	☐	☐	☐	☐
VS015658 h. Using tools or mathematical concepts to test a solution to a design problem	☐	☐	☐	☐	☐

10. Thinking about science instruction in your class this year, how much emphasis did you place on engaging your students in each of the following?

Select one answer choice on each row.

	No emphasis	Very little emphasis	Some emphasis	Quite a bit of emphasis	A lot of emphasis
VR875453 a. Testing cause-and-effect relationships	☐	☐	☐	☐	☐
VR901854 b. Describing relationships between structure and function	☐	☐	☐	☐	☐
VR901864 c. Describing conditions that affect stability and change in systems	☐	☐	☐	☐	☐
VS015659 d. Identifying patterns in tables or graphs	☐	☐	☐	☐	☐
VS015660 e. Observing phenomena at different scales (e.g., size, time, energy)	☐	☐	☐	☐	☐
VS015661 f. Using system models to analyze or explain a phenomenon	☐	☐	☐	☐	☐
VS015662 g. Tracking how energy transfers and matter flows between objects or systems	☐	☐	☐	☐	☐

11. *NAEP science and engineering practices refer to ways of working to develop scientific explanations of phenomena or to design engineering solutions to problems (e.g., defining problems, planning investigations, using data, using models, designing solutions).*

In your class this year, how often have your students engaged in science and engineering practices while learning each of the following areas of science?

Select one answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VR875446 a. Life science	☐	☐	☐	☐	☐
VR875447 b. Earth and space science	☐	☐	☐	☐	☐
VR875448 c. Physical science	☐	☐	☐	☐	☐

12. *NAEP science crosscutting concepts refer to ideas that are used across all science disciplines (e.g., patterns can be used to sort, classify, communicate, predict, and explain; cause-and-effect relationships are identified, tested, and used to explain changes; system models can be used to explain or make predictions about a phenomenon). Crosscutting concepts provide students with tools for applying their knowledge of science to new phenomena or problems.*

In your class this year, how often have your students engaged in science crosscutting concepts while learning each of the following areas of science?

Select one answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
VR946457 a. Life science	☐	☐	☐	☐	☐
VR946460 b. Earth and space science	☐	☐	☐	☐	☐
VR946459 c. Physical science	☐	☐	☐	☐	☐

13. This school year, how often have you participated in the opportunity to do each of the following?

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 almost every day
VR875480 a. Collaborate with other teachers on science instruction	☐ A	☐ B	☐ C	☐ D	☐ E
VR875481 b. Collaborate with teachers across subject areas (e.g., mathematics, reading)	☐ A	☐ B	☐ C	☐ D	☐ E
VR875482 c. Observe how other teachers teach science	☐ A	☐ B	☐ C	☐ D	☐ E
VR875483 d. Provide other teachers with feedback on their science instruction	☐ A	☐ B	☐ C	☐ D	☐ E
VR875484 e. Receive feedback from other teachers on your science instruction	☐ A	☐ B	☐ C	☐ D	☐ E
VR875485 f. Receive feedback from school administrators on your science instruction	☐ A	☐ B	☐ C	☐ D	☐ E

14. This school year, how often have you participated in the opportunity to do each of the following?

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 almost every day
VR875486 a. Work with a science instructional coach	☐ A	☐ B	☐ C	☐ D	☐ E
VR946521 b. Work with staff (e.g., administrators, teachers, instructional coaches) on developing goals to improve science instruction	☐ A	☐ B	☐ C	☐ D	☐ E
VR946522 c. Work with staff (e.g., administrators, teachers, instructional coaches) to improve science instruction in the school	☐ A	☐ B	☐ C	☐ D	☐ E
VR946523 d. Collaborate with other teachers to figure out how to address particular instructional challenges in science	☐ A	☐ B	☐ C	☐ D	☐ E
VR961409 e. Collaborate with other teachers to figure out how to address particular instructional challenges in engineering	☐ A	☐ B	☐ C	☐ D	☐ E

15. In your class this year, to what extent do you use each of the following types of assessments for science?

Select one answer choice on each row.

	Not at all	Small extent	Moderate extent	Large extent
VR875509 a. Formative assessments to adjust instruction to meet students' needs	☐	☐	☐	☐
VR875510 b. Summative assessments to evaluate whether students have mastered content that was covered	☐	☐	☐	☐
VR875514 c. Project-based assessments	☐	☐	☐	☐
VR875511 d. Classroom-based assessments without a written component (e.g., multiple-choice questions)	☐	☐	☐	☐
VR875512 e. Classroom-based assessments with a written component (e.g., open-ended questions, questions requiring short answers)	☐	☐	☐	☐
VR875513 f. Required or mandated assessments (school, district, or state)	☐	☐	☐	☐
VR946529 g. Peer assessments	☐	☐	☐	☐
VR946530 h. Self assessments	☐	☐	☐	☐

16. To what extent are the following resources available to you in your school system (including your school and school district)?

Select one answer choice on each row.

	Not at all	Small extent	Moderate extent	Large extent
VH639521 a. Science textbooks (print or online)	☐	☐	☐	☐
VH639522 b. Science magazines and books (print or online)	☐	☐	☐	☐
VR946538 c. Instructional materials (print or online)	☐	☐	☐	☐
VR946539 d. Supplies or equipment for hands-on science investigations or demonstrations	☐	☐	☐	☐
VR946540 e. Space to conduct hands-on science investigations	☐	☐	☐	☐
VR946541 f. Physical or digital tools for science investigations (e.g., microscopes, probes, sensors)	☐	☐	☐	☐
VR946542 g. Interactive panel or projector (e.g., SMART Board, Promethean ActivPanel)	☐	☐	☐	☐
VR946543 h. Learning management system	☐	☐	☐	☐

17. Do teachers at your school have the following resources available to them for eighth-grade science instruction?

VR946556

Select one answer choice on each row.

	Yes	No	I don't know.
VR946574 a. An area for demonstrations	☐	☐	☐
VR946575 b. Tables for group work	☐	☐	☐
VR946576 c. Safety equipment (e.g., goggles, fire extinguishers, eyewash stations)	☐	☐	☐
VR946577 d. Internet connection	☐	☐	☐
VR946578 e. Digital simulations	☐	☐	☐
VR946579 f. Virtual laboratories	☐	☐	☐

18. Do teachers at your school have the following resources available to them for eighth-grade science instruction?

VS015766

Select one answer choice on each row.

	Yes	No	I don't know.
VR946580 a. Digital science-based games	☐	☐	☐
VR946581 b. Science-based apps or websites	☐	☐	☐
VR946582 c. Access to natural outdoor areas	☐	☐	☐
VR961418 d. Science kits or lab equipment for investigations	☐	☐	☐
VR961419 e. Storage areas	☐	☐	☐

19. To what extent do you use each of the following technological resources for science instruction?

VR904529

Select one answer choice on each row.

	Not at all	Small extent	Moderate extent	Large extent
VR904530 a. Desktop or laptop computer(s) (including Chromebooks)	☐	☐	☐	☐
VR904531 b. Tablet(s)	☐	☐	☐	☐
VR904532 c. Online content (e.g., online software, podcasts, videos)	☐	☐	☐	☐
VR904533 d. Interactive web spaces or virtual classrooms (e.g., websites where students can interact and share class materials)	☐	☐	☐	☐
VR946548 e. Interactive panel (e.g., SMART Board, Promethean ActivPanel)	☐	☐	☐	☐

27. As part of your pre-service preparation to teach (either through a traditional teacher certification program or an alternative preparation program), did you participate in any of the following activities?

VR875421

Select one answer choice on each row.

	Yes	No
VR875464 a. Teaching science in a field experience, such as student teaching	☐	☐
VR946509 b. Evaluating the extent to which lessons and units align with science standards	☐	☐
VR875466 c. Mentorship in science instruction from an experienced teacher	☐	☐
VR875467 d. Mentorship in science instruction from an instructional coach	☐	☐
VR946510 e. Hands-on science experience as part of your coursework	☐	☐
VR875465 f. Hands-on science experience as part of the workforce or an industry internship	☐	☐