Assessments

In this section, you can find assessment descriptions of various ways in which you can assess your students' learning, skills, prior knowledge and attitudes. We have descriptions of and examples for pre-assessments, projects, portfolios, student interviews, and teaching assessments.

Pre-Assessments

Portfolio Assessments

Student Interview Assessments

Project Assessments
Assessing Your Science Teaching

Search for K-5 Assessments

Perform a Quick Search using the search box below to find the 10 most relevant assessment resources in the Education GeoSource database.

Access the Education GeoSource database at: https://egs.americangeosciences.org

Enter your search terms

Search

GeoScience Videos Blog
Geoscience Videos

This GeoScience Videos blog provides support for instructors using the series of GeosScience Videos found on YouTube. The blog contains one-page quizzes for each short video as well as other related information such as in-class questions and activities. If you visit the blog's Assessment...

Resource Type: Assessments, Curricula and Instruction
Earthquake Quiz
Teacher Vision
A printable quiz regarding earthquakes. Questions test knowledge on what fault lines are, where most earthquakes in the US happen, what a seismograph measures, what tectonic plates are, what magnitude is, how long earthquakes usually last, and dangers to people during an earthquake. Students also...

**Resource Type:** Assessments, Curricula and Instruction

**Grade Level:** 4, 5

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Portfolio Assessments
American Geosciences Institute (AGI)
Portfolios, in assessment terms, are collections of students' work that demonstrate what they have learned and are able to do over a period of time. In science, it's a bit trickier to use the portfolio method to best advantage. Since the ultimate goal of the portfolio contents is to...

**Resource Type:** Assessments, Curricula and Instruction

**Grade Level:** K, 1, 2, 3, 4, 5

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Pre-Assessment Items: Fossils
American Geosciences Institute (AGI)
Pre-assessment tasks help you to find out what knowledge, experiences, skills and attitudes your students have before you begin any science instruction. In some instances, you might find it useful to have students write their responses to a short set of simple questions on the topic. Examples might...

**Resource Type:** Assessments, Curricula and Instruction

**Grade Level:** K, 1, 2, 3, 4, 5

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Project Assessments
American Geosciences Institute (AGI)
Long, and short-term projects are great ways of assessing students' knowledge and presentation skills at the same time. In projects, students typically solve a problem, investigate a science issue, engage in a simulation, or a number of other
activities. They then present their results in a...

**Resource Type:** Assessments, Curricula and Instruction  
**Grade Level:** K, 1, 2, 3, 4, 5

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**Student Interview Assessments**  
American Geosciences Institute (AGI)

Student interviews are discussions with students about their understanding of scientific concepts and phenomena. You can do these with individual students or small groups, while the rest of the class is doing independent work. You can also do interviews if you have a team-teaching arrangement.

**Resource Type:** Assessments, Curricula and Instruction  
**Grade Level:** K, 1, 2, 3, 4, 5

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**NSTA's New Earth Science Test**  
American Geosciences Institute (AGI)

Describes the purpose and possible uses of the new American Geological Institute/National Science Teachers Association Earth Science Examination. Provides an order blank for obtaining the test. Stresses that the test is specifically designed to test concepts and problem-solving ability.

**Resource Type:** Assessments, Curricula and Instruction

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**JogNog Quizzes**  
JogNog

This game-based quiz program offers assessments for students in grades 2-12 in a variety of core subjects, including science, math, language arts, and history. Teachers can use the website's pre-existing quizzes or create their own. The science quizzes employ the key vocabulary and concepts in...

**Resource Type:** Assessments, Curricula and Instruction  
**Grade Level:** K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Sample Questions for GEOSC 20 Final Exam
Pennsylvania State University (PSU)
Sample questions and answers from the GEOSC 20 Final Exam in 1996
Resource Type: Assessments, Curricula and Instruction