

Education GeoSource

Everything You Need for Earth Science Education

Search for geoscience education resources from a variety of organizations that provide credible and accurate Earth and Space Science resources for all ages. The Education GeoSource database has thousands of free resources, from lessons to outreach and teacher professional development, for use in classrooms, scout programs, or at home.

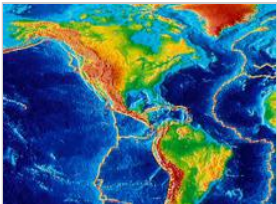
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[NSTA's New Earth Science Test](#)

American Geosciences Institute, National Science Teachers Association (AGI, NSTA)

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



[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

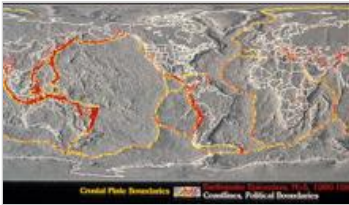


Multiple Choice Questions for Earthquakes , Chapter 16

University of Houston (UH)

A 47-question quiz on earthquakes. This assessment is designed to test your knowledge of material covered in the chapter and in the Internet-based resources.

Resource Type: Assessments, Curricula and Instruction



AAAS Science Assessment: Plate Tectonics

AAAS Science Assessment

This assessment on plate tectonics lists sub-ideas (core knowledge and information), as well as performance percentages for students in grades 6-8 and 9-12. The assessment also lists common misconceptions the students had regarding the subject material. Categories include the outer layer of the...

Resource Type: Assessments, Curricula and Instruction

Grade Level: 6, 7, 8, 9, 10, 11, 12



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



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



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



Sample Questions for GEOSC 20 Final Exam

Penn State, Terry Englander

Sample questions and answers from the GEOSC 20 Final Exam in 1996

Resource Type: Assessments, Curricula and Instruction



Science Regents Examinations: Physical Setting/Earth Science

New York State Education Department (NYSED)

Science Regents Examinations, answer booklets, and scoring keys from January 2012, on. All examinations center around different topics in the earth sciences (meteorology, geology, planetary science, geology, etc.).

Resource Type: Assessments, Curricula and Instruction

Grade Level: 9, 10, 11, 12



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

Recently Loaded Resources



[MasteryConnect Teacher \(app\)](#)

MasteryConnect

MasteryConnect Teacher App allows teachers to launch and deliver assessments with an iPad or iPhone. teachers can instantly view student results, sort by mastery levels, and edit their scores.

Resource Type: Curricula and Instruction, Curriculum Materials

Grade Level: K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

About Education GeoSource

<https://egs.americangeosciences.org>

Education GeoSource compiles geoscience education resources from a variety of organizations, providing credible and accurate Earth and Space Science resources for all ages. Visitors have access to thousands of free resources, from lessons to outreach and teacher professional development, for use in classrooms, scout programs, or at home.

We encourage visitors to review our collections, [suggest other resources](#), and let us know when items are out of date or problematic for other reasons.

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Education GeoSource is generously underwritten in memory of Charles L. Weiner
