

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.

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

Perform a Quick Search using the search box below to find the 10 most relevant resources for your search.

Enter your search terms

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[World Wetlands Day \(February 2\)](#)

Ramsar

Established to raise awareness about the value of wetlands for humanity and the planet, World Wetlands Day was celebrated for the first time in 1997 and has grown remarkably since then. Each year, government agencies, non-governmental organizations, and groups of citizens at all levels of the...

Resource Type: Commemorative Days and Events, Outreach Programs

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



[The National Map](#)

United States Department of the Interior (DOI)

As one of the cornerstones of the US Geological Survey's (USGS) National Geospatial Program, The National Map is a collaborative effort among the USGS and other Federal, State, and local partners to improve and deliver topographic information for the Nation. It has many uses ranging from...

Resource Type: Image Collections, Teaching Media

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



[Will a mountain last forever?](#)

Mystery Science

In this Mystery, students will explore how solid rock breaks apart into smaller pieces through a process called weathering (including root-wedging and ice-wedging.) In the activity, students will model the process of weathering that occurs when rocks tumble and crash into each other using sugar...

Resource Type: Classroom Activities, Curricula and Instruction

Grade Level: 3, 4, 5



[Generation Beyond](#)

Lockheed Martin

Lockheed Martin's STEM education initiative for the middle level offers standards-based lesson plans, educator guides, and family activities to motivate students to learn about deep space exploration. The resources introduce a range of STEM-focused careers in space exploration, compare and...

Resource Type: Classroom Activities, Curricula and Instruction

Grade Level: 6, 7, 8



[OSU's Climate Research Center: Argumentative Writing Workshop](#)

Ohio State University (OSU)

This workshop, taking place at the Ohio State University (OSU), is for middle and high school teachers and introductory-level university instructors who want to incorporate argumentative writing and evidence-based claims in their classes. Aimed at science, social studies, and English language arts...

Resource Type: Professional Resources, Teacher Professional Development



[What's Really Heating Up the Planet?](#)

2015, Bloomberg

"Skeptics of manmade climate change offer curious natural causes to explain why the Earth warmed 1.4 degrees Fahrenheit since 1880. But can this account for the planet's rising temperature? Scroll down to see how much different factors, both natural and industrial, contribute to global..."

Resource Type: Teaching Media, Videos or Animations

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



[Bristol Gem & Mineral Club](#)

Bristol Gem & Mineral Club

The Bristol Gem & Mineral Club fosters interest in the earth and geological sciences, minerals, and the lapidary arts. We're located in Bristol, CT, where we hold monthly educational meetings, field trips, and our annual gem and mineral show.

Interested in rocks, minerals, lapidary works,...

Resource Type: Geoscience Organizations, Organizations



[Earth Science Club of Northern Illinois \(ESCONI\)](#)

Earth Science Club of Northern Illinois (ESCONI)

The aim of the Earth Science Club of Northern Illinois (ESCONI) is to promote an interest in the earth sciences, among these are geology, paleontology, mineralogy, archaeology, micro-mounting and the lapidary arts.

Resource Type: Geoscience Organizations, Organizations



[Inspirational Feature Near You](#)

2018, American Geosciences Institute (AGI)

What's an awe-inspiring natural feature in your state? Maybe it's a mountain, canyon, waterfall, glacier, cave, volcano, geyser, natural arch, grand vista, or something else. Identify an inspiring landscape near you, and learn about the geoscience behind it. Start with the geologic maps available...

Resource Type: Classroom Activities, Curricula and Instruction

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



[Science and Technology Research News \(STRN for STEM\)](#)

STRN for STEM

On this website, you'll find science news and updates from leading research universities, government labs, and innovative companies worldwide. The site is designed to help college students and faculty in STEM fields stay up-to-date on new developments in their area of study. Browse the content...

Resource Type: Classroom Activities, Curricula and Instruction

Grade Level: 9, 10, 11, 12

Recently Loaded Resources



GIS Resources

Carleton College

Explore resources and teaching materials for using Geographic Information Systems in the classroom. These sites provide information and advice about how to use GIS in introductory courses and other classroom situations.

Resource Type: Classroom Activities, Curricula and Instruction

Grade Level: 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.

Email us: geocenter@americangeosciences.org

Find us online:



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