

## 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**

Search

Reset Fields

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#### 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

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#### 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

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### 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

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### 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

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### 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

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### 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

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### [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

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### [NSTA: Freebies for Science Teachers, Books and Resources](#)

#### National Science Teachers Association (NSTA)

Here you will find an array of free resources for you and your classroom. Clicking on the title takes you to the resource described.

**Resource Type:** Curricula and Instruction, Curriculum Materials

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### [For Educators and Visiting Groups: Teacher Professional Development](#)

#### Liberty Science Center

As you plan for and implement the Next Generation Science Standards, Liberty Science Center's NGSS-focused Professional Development courses can make the transition easier. We can partner with you to evaluate and adapt your curricular models, lesson design, and pedagogy to capitalize on your...

**Resource Type:** Professional Resources, Teacher Professional Development

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### [NOVA Labs, Cloud Lab](#)

#### Public Broadcasting Service (PBS)

Covering some 70 percent of Earth's surface, clouds play a key role in our planet's well-being. But how do they form, why are there so many types, and what clues can they give us about the weather and climate to come? Try your hand at classifying clouds and investigating the role they...

**Resource Type:** Classroom Activities, Curricula and Instruction

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

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## Recently Loaded Resources



### Hayden Planetarium

American Museum of Natural History (AMNH)

The Hayden Planetarium has assembled the world's largest cosmic atlas, extending from the Earth to the edges of the observable universe. Combined with the brilliant stars of the Zeiss Mark IX star projector Astronomy Live programs offer an interactive tour of the universe and a view of the...

**Resource Type:** Location-based Outreach Programs, Outreach Programs

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

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### 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](mailto:geocenter@americangeosciences.org)

Find us online:



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

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