

## 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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Search

Reset Fields



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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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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California Education and Environmental Initiative (EEI)

CalRecycle Office of Education and the Environment (OEE)

The California Education and the Environment Initiative is a program of CalRecycle's Office of Education and the Environment (OEE). Our mission is to foster environmental literacy among all California students as part of a high-quality K-12 education. Environmental literacy builds critical...

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

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Volcano about the clouds

Public Broadcasting Service (PBS)

For those who live on or near mountains, a change of climate can be just a short walk away. That's because mountains create their own microclimates: areas in which the climate differs from the prevailing climate. See how the movement of air creates different microclimates on a mountain

**Resource Type:** Teaching Media, Videos or Animations

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

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Take a Walk on the Rocky Side at Green Point, Canada

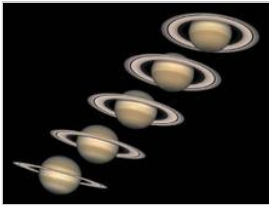
vEcotourism

Canada's Gros Morne park, on the comparatively sheltered Western coast of Newfoundland, is a geology lover's paradise and a designated UNESCO natural world heritage site. From precipitous land-locked fjords to the curiously sterile exposed mantle of the Tablelands formation, this is a wild...

**Resource Type:** Teaching Media, Virtual Field Trips

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

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Tour the Solar System

Public Broadcasting Service (PBS)

For those wanna-be astronauts and space travelers out there, this interactive model of the solar system could prove to be highly addictive. With one click, you can visit Saturn, Venus, or the other planets and then spin and explore them in three dimensions. The interface uses NASA calculations to...

**Resource Type:** Teaching Media, Virtual Field Trips

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

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Solar System Tour

Nine Planets

An interactive tour of the solar system. Students can click on various elements of our solar system and gain information on their size, atmosphere, geologic features, and other scientific facts.

**Resource Type:** Teaching Media, Virtual Field Trips

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

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## Recently Loaded Resources



AAPG Teacher of the Year Award

American Association of Petroleum Geologists (AAPG)

The Teacher of the Year award, given by the American Association for Petroleum Geologists (AAPG) Foundation, will once again be granted to a K-12 teacher within the United States who has demonstrated outstanding leadership in the field of geoscience education. The final TOTY award winner will...

**Resource Type:** Professional Resources, Teaching Awards

**Grade Level:**

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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:



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

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