

Partner Resources

We invite you to use the QR codes to access educational resources from participating ESW Partners.

Adventerra Games

Adventerra Games teaches players to work together for a greener future! Our board games & puzzles get students excited about finding solutions for environmental challenges like resource conservation, pollution, and climate change. We have sustainably-made STEM games for preschool to graduate school. Follow the QR link for free eco guides and resources.



American Association of Geographers

If you want to understand more about how minerals—like salt, copper, graphite, or the rare earth elements in each of them—shape ecologies and influence human society, ask a geographer! Geographers connect the physical world with the people, plants, and animals who make it their home. Learn more during Geography Awareness Week, November 16–20, 2026.



American Geophysical Union Education Section

The American Geophysical Union (AGU) Education Section is a welcoming community for Earth and Space Science educators, students, researchers, and outreach professionals. By connecting scientific discovery with education and outreach, we foster professional growth, collaboration, and learning across the geoscience community. Connect with fellow educators and discover opportunities to:

- Join or participate in the K-12 working group activities.
- Access and use Eos science articles in your classroom.
- Engage middle and high school students in presenting research through the Bright STaRS program.
- Learn how you can attend the AGU annual meeting to learn the latest advances in science.



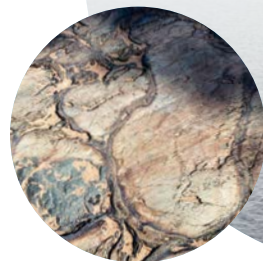
Association for Women Geoscientists

The Association for Women Geoscientists (AWG) is a global organization dedicated to advancing the participation and success of women in the geosciences while inspiring girls and young women to explore geoscience careers. Membership is open to anyone who supports AWG's mission. We offer more than 10 awards and grant opportunities for students and professionals, along with worldwide field trips. AWG provides a supportive network to connect with geoscientists across the globe, whether through local chapters or as a member at large.



American Institute of Professional Geologists

The American Institute of Professional Geologists (AIPG) adheres to the principles of professional responsibility and public service and is the only international organization that certifies the competence and ethical conduct of geological scientists in all branches of the science, with members employed in industry, government, and academia. AIPG emphasizes competence, integrity, and ethics. AIPG advocates for the profession, communicating regularly to federal and state legislators and agencies on matters pertaining to the geosciences.

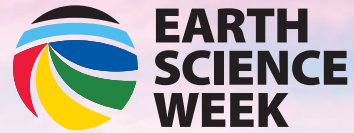


Association of Environmental & Engineering Geologists

The Association of Environmental & Engineering Geologists (AEG) promotes the value that environmental and engineering geologists bring to each project. We advocate on behalf of our members to engineering groups, other geoscience organizations, and local and national legislative leaders.



Photos provided by respective organizations.

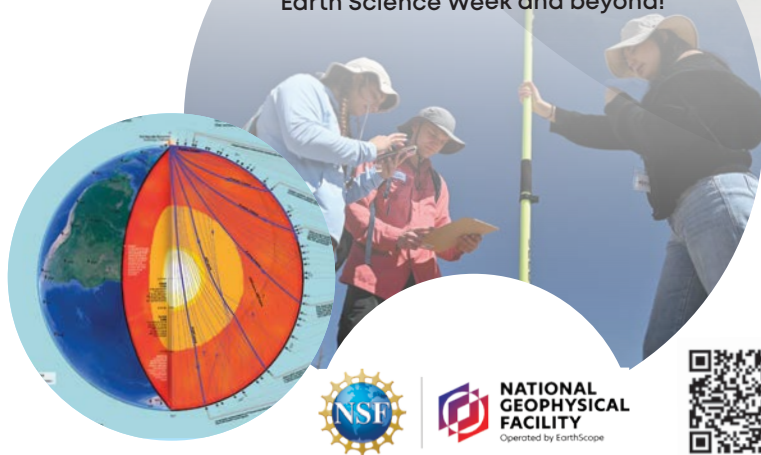


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EarthScope Consortium

The NSF National Geophysical Facility operated by EarthScope offers a variety of free educational resources at middle school to undergraduate levels. Geophysics is a quantitative science that uses physics-based tools like seismometers and GPS stations to study Earth processes and structures, helping us understand hazards, resources, and more. Check out a collection of our classroom resources, interactive web apps, and videos you can use for Earth Science Week and beyond!



NATIONAL GEOPHYSICAL FACILITY
Operated by EarthScope



Minerals Education Coalition

The Minerals Education Coalition (MEC) is the Society for Mining, Metallurgy & Exploration (SME) Foundation's designated program to develop and deliver accurate and timely K-12 education materials and activities and conduct public awareness outreach about mining and minerals. MEC conducts K-12 outreach by attending teacher and guidance counselor conferences, holding teacher workshops, and providing free and low cost supplementary materials for teachers at MineralsEducationCoalition.org, including a teacher search tool for correlation of MEC's activities with national and all state educational standards.



SME FOUNDATION
MEC
MINERALS EDUCATION COALITION



National Earth Science Teachers Association

The National Earth Science Teachers Association (NESTA) is a professional community of educators, professors, scientists, and informal educators dedicated to advancing high-quality Earth and Space Science (ESS) Education. NESTA supports educators through professional learning opportunities, classroom resources, networking, advocacy, awards, and partnerships that promote meaningful ESS teaching and learning across K-16 settings. Members gain access to a growing network of Earth and Space Science professionals committed to supporting educators and elevating Earth and space science education nationwide.



National Energy Education Development Project

The National Energy Education Development (NEED) Project aims to promote an energy-conscious and educated society by creating effective networks of students, educators, businesses, government agencies, and community leaders to design and deliver objective, multi-sided energy education programs. NEED partners with energy companies, agencies, and organizations to provide balanced energy education, teacher professional development, curriculum materials, student leadership opportunities, and community engagement programs. Designed by teachers for teachers, NEED curriculum is free to download and use in the classroom. Scan the QR code below to access curriculum materials, sign up for teacher workshops, and engage students in learning about energy.



National Oceanic and Atmospheric Administration

Data in the Classroom is a set of online modules that use NOAA data to teach about real-world events — be sure to check out our NEW heat island module! Students use historical and real-time data to explore today's most pressing environmental issues. Each phenomenon-based module addresses authentic research questions and builds students' ability to analyze, interpret, and think critically about data.



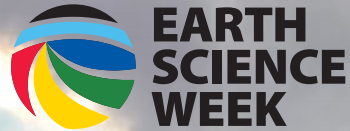
Natural Resources Conservation Service

The USDA Natural Resources Conservation Service (NRCS) delivers conservation solutions so agricultural producers can protect natural resources and feed a growing world. Deepen your understanding of soil science with the NEW, free online course, *Soils Matter: Approaches to Soil Science for the K-12 Classroom*, offering 10 professional development hours and optional CEUs. Access the course and additional NRCS resources with the QR code.



Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE





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Nutrients for Life

Discover how Nutrients for Life brings science to life with engaging, standards-aligned curricula and classroom resources that connect soil science, plant nutrients, sustainability, and feeding a growing world. Our hands-on lessons make real-world science meaningful and relevant for students. Explore ready-to-use activities, classroom readers, educational posters, professional learning opportunities, and much more to help you inspire the next generation. Scan the QR code to start exploring today!



NUTRIENTS  FOR LIFE



Scientific Ocean Drilling Communication Office

Have you thought about traveling back to the time of the dinosaurs to find out why they went extinct? With seafloor cores, you can do just that! Seafloor cores contain records of what our planet was like long ago. With this activity, you can explore the evidence that a gigantic asteroid hit Earth 65 million years ago and had major impacts on our planet!



SCIENTIFIC
OCEAN DRILLING
COORDINATION OFFICE



Smithsonian Science Education Center

We develop inquiry-based STEM resources grounded in Smithsonian research, science, and collections. Our digital games, activities, research guides, and eBooks support educators in helping students explore complex scientific concepts, think computationally, and engage with pressing global challenges, connecting learners to authentic science and empowering them to act on the world around them.



American Geosciences Institute

Explore free lessons from the American Geosciences Institute (AGI) and the Nevada Mining Association related to minerals, including careers, plate tectonics, and sustainability. Students apply the engineering design process, analyze maps and geologic data, and evaluate sustainability challenges through hands-on, standards-aligned activities for grades K–12.



The University of Texas at Austin, Choose Energy Program

The Choose Energy K–12 outreach program raises awareness of society's energy needs, careers, and related educational programs by providing opportunities and resources for STEM teachers and students. Scan the QR code to check out the teacher professional development opportunities, outreach events, student tours, and classroom materials (also at EnergyExcursions.com).



ESW Online Toolkit

Check out new additions to the ESW Online Toolkit from these organizations and others:

