National Environmental Education Foundation

www.neefusa.org
NEEF-EPA Collaboration

EPA Resources — Classroom Ready

Click on the objects below to see facts and resources.
Statement of Purpose

We provide knowledge to trusted professionals who, with their credibility, amplify messages to national audiences to solve everyday environmental problems. Together, we generate lasting positive change.
Reaching the Public

Primary Audience Trusted Professionals

- Teachers
- TV Meteorologists
- Public Land Managers
- Health Care Providers
- Business Managers

Secondary Audiences

- Students: School Administrators; EE/education leaders & organizations; parents; local communities
- Viewers: Station manager/news directors; meteorologist professional organizations; meteorologist community; academic institutions
- Volunteers: Public land organizations; Federal, state & local government agencies; youth natural resource organization
- Patients: Families, doctors, nurses, academic institutions/faculty; public/environmental health communities; underserved communities
- Employees: Management, families, local communities

EE Content Information Training

Classroom Earth
Earth Gauge
Public Lands Program
Health & Environment
Business & Environment
July
Lightning!
Take a quiz and test your knowledge.
Click here!
Earth Gauge Kids

Earth Gauge
Climate Fact
In North Cascades National Park, the total area covered by glaciers has shrunk by 40 percent since 1850. Glacial retreat has been particularly noticeable since about 1980.
A National Environmental Education Foundation Program

“The Climate Facts have been a great addition to my science journal online, and I get frequent feedback from viewers about the science I mention.”

Meteorologist Dan Satterfield at WHNT-TV in Huntsville, Alabama.
Every Day Capacity Building Grants

The Every Day Grants provide "Friends Groups" with grant funds of up to $5,000 to help the Friends Group build their capacity to serve public lands.

Friends groups are invaluable to the public lands they serve. While dedicated and passionate, they are often underfunded and understaffed. The National Environmental Education Foundation (NEEF) wants to unleash their potential and help strengthen these organizations to enable them to do more to connect their communities to the land.

The latest Every Day Grant cycle closed on January 31, 2011. Learn more about the application and eligibility requirements.

2011 Grant Winners
-
Branch Brook Park Alliance
Newark, N.J.
-
Carson Valley Trails Association
Minden, Nev.
-
Discover Your Northwest
Seattle, Wash.
Prescribing Nature

Children and Nature Initiative Pilot Sites
Classroom Earth

Taking Technology Outdoors
Join EE Week during April 14-20 to learn how to Take Tech Outdoors.

Find Resources
Enhance Environmental Learning
with free K-12 educational resources...
- Lesson plans and activities
- Curricula
- Videos
- Websites

Wildlife Conservation Resources
Check out Classroom Earth’s wildlife conservation resources, including lesson plans, curricula, professional development opportunities, news, fact sheets, funding opportunities, videos and more!
read more ...
Greening STEM

• Solutions to 21st century environmental challenges often result from STEM knowledge and skills.

• Hands-on environmental education projects enrich STEM learning and offer an exciting opportunity to engage more students in STEM.
Greening STEM: Taking Technology Outdoors

April 14-20, 2013

Top 10 Apps for Taking Technology Outdoors

1. Incorporate environmental themes into daily lesson plans.
2. Help students identify and investigate their watershed.
3. Use GPS technology to enable students to map and inventory invasive plant species.
4. Use mobile technology to inventory wildlife on your school grounds.
5. Organize a virtual or in-person field trip to a local aquarium or zoo.
6. Partner with a business or community group to host a clean-up or water quality monitoring event.
7. Construct a wildlife habitat, schoolyard garden or outdoor classroom on your campus.
8. Help students launch a school recycling program.
9. Utilize an app that monitors water and energy use in the school building.
10. Help students develop a service-learning project around improving the environment in their community.

Benefits of registration include:
- Free educator webinars and toolkits with tips, tricks, resources and ideas for using technology to enhance environmental learning
- Case studies, success stories and examples of technology in action
- Discounts, giveaways and special offers

Learn more about EE Week at eeWeek.org
A Message by U.S. Secretary of Education, Arne Duncan

“We know so many of the jobs of the future are in the STEM fields, and there are so many great ties between STEM education and environmental education. If we really want to keep those good jobs in this country, if we want our students prepared, I think there’s no better way to start to get at that, whether it’s in 2nd grade or in 11th or 12th grade, than to get kids out in the outdoors with environmental education.”
Tech & Our Planet

• 75% of 1,900 surveyed educators said students who spend regular time outdoors tend to be more creative & better problem-solvers.

• 77% of teachers believe using tech in the classroom increases student motivation to learn.

• Children who experience the natural world & have opportunities to play & learn within it are more likely to choose science or related fields as careers.

Available at: www.eeweek.org
Greening STEM: Taking Technology Outdoors

Use smartphones and apps to create a scavenger hunts in parks, zoos, etc.

Put QR Codes on plant labels and outdoor signs to link to changeable online information including videos, text, images and sound.

Use software tools to determine the ecological benefit of trees.

More case studies at: www.eeweek.org
Project Noah is a tool to explore and document wildlife and a platform to harness the power of citizen scientists everywhere.

Global Schoolyard Bioblitz!

Project Noah is teaming up with the National Environmental Education Foundation and National Geographic Education to launch our Global Schoolyard Bioblitz campaign! Project Noah has quickly become a leading resource for nature exploration and documentation and now we're collecting wildlife observations from schoolyards around the world in an effort to get kids outside and exploring nature. Help us spread the word and let's see how many students we can reach!
Using Technology to Connect Students & the Environment
Apps for Outdoor Learning

Examples

**What’s Invasive!** - Help scientists locate invasive species by making geo-tagged observations and taking photos in their natural areas. The information students collect can help stop the spread of invasive species which destroy native habitats.

**Leafsnap** – a free mobile app that uses visual recognition software to help identify tree species from photographs of their leaves. **For iPhone & iPad only.**

**iNaturalist** – Record nature observations and share them with the online community of naturalists. Students can also keep a log of the wildlife they discover and the biodiversity they experience while being outdoors.
EE Week 2013 Educator Toolkit

Greening STEM: Taking Technology Outdoors

EE Week 2013 Educator Toolkit
EE Week Free Educator Webinars

Announcing a Free EE Week Educator Webinar: Using Technology to Investigate the Outdoors
Thursday, February 28, 2013 at 7:00 p.m. ET

Get ready for EE Week 2013: Taking Technology Outdoors by tuning in with Pacific Education Institute (PEI) to explore how to use technology to engage students in investigative outdoor experiences.

Breanna Trygg, Environmental Education Program Coordinator at PEI, will share how Fish and Wildlife biologists across the country employ technology tools in the field and recommend technology resources for expanding student learning. In outdoor field studies, Erica Baker, Educational Consultant with PEI, will highlight a variety of examples and studies that illustrate how educators are using technology in the field to engage students.

Register for EE Week 2013 to participate in this webinar. The webinar is free and will be archived online for later viewing at weeek.org/webinars.

Announcing a Free EE Week Educator Webinar: Taking Technology Outdoors: Geography Connections
Wednesday, March 13, 2013 at 7:00 p.m. ET

Get ready for EE Week 2013: Taking Technology Outdoors by tuning in with National Geographic Education and Esri to explore tech tools that engage students in citizen science projects and connect them with their local communities.

Sean O’Connor from National Geographic Education will introduce FieldScope, mobile tech and online communities and how they can be used for citizen science projects. He’ll also discuss how schools can use technology to conduct biolitizes in schoolyards or local parks to document biodiversity.

Charlie Fitzpatrick, Esri Schools Program Manager, will introduce story maps — an online platform for showcasing the data collected by teachers and students in the field and in their local communities via map-based storytelling.

Register for EE Week 2013 to participate in this webinar. The webinar is free of cost and will be archived online for later viewing at weeek.org/webinars.

Announcing a Free EE Week and Green Teacher Webinar: 21st Century Tools for Environmental Learning in the Community
Wednesday, April 3, 2013 at 7:00 p.m. ET

Get ready for EE Week 2013: Taking Technology Outdoors by tuning in with EE Week and Green Teacher to learn about turning student interest in technology tools and media into a powerful venue for learning.

Ruth Kernish-Allen, Education Director and Rachel Thompson, Education Programs Associate at the Island Institute will introduce the Island Institute and their strategies for integrating and applying technology with community-based environmental education programs. They’ll discuss lessons learned and explore how to apply these strategies in a formal classroom setting. They’ll also discuss how to engage students in hands-on environmental learning through the application of 21st century skills and knowledge.

Register for EE Week 2013 to participate in this webinar. The webinar is free and will be archived online for later viewing at weeek.org/webinars.
EE Week Photo Contest

Upload your photos - including those from digital cameras, camera phones and social media sites like Instagram - to the **EE Week Photo Contest**.

Prizes include a Samsung Galaxy Note® 10.1 (Wi-Fi) 16GB, a 14.2 Megapixel Samsung SMART Camera and a Dual-View Smart Camera with Built-in Wi-Fi.

Upload your wildlife photos to Project Noah's **Global Schoolyard Bioblitz** mission now through May 31 for the chance to earn a commemorative digital EE Week 2013 patch.
Register, tune in, and experience our latest LIVE programs or access our past adventures and join the nature action!

- Live adventures take you to exciting places where you meet experts and educators.

- PAST Adventures allow you to access full programs, searchable video segments and classroom resources anytime.

- Education Resources aligned to the standard provide lesson plans and educator resources that can be integrated into your classroom and beyond.
Connect With Us

Jennifer Tabola, Senior Director, Education, jtabola@neefusa.org
Sarah Kozicki, Education Program Coordinator, skozicki@neefusa.org

Classroom Earth: www.classroomearth.org
EE Week: www.eeweek.org
Planet Connect: www.planetconnect.org