Section 2
Earth Science Week 2011 Highlights

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Arkansas.gov
Bureau of Land Management (BLM)
EurekAlert.org
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NSTA e-newsletter
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Science Matters
Environmental Education Outreach Program

Esri

Eventful.com

Examiner.com

ExperienceColumbus.com

Explore Your World with Mrs. Alford Blog

Familyfriendlyboston.com

Flickr.com

Forest Resource Environmental Education (F.R.E.E.) Network

FunOutside.org

GardenABCs.com

Geo2All.com

Geobulletin.org

Geological Society of London

Geological Society of London Blog

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Geoscience Australia

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Northpotomac.patch.com
Northwest Missouri State University
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Oregon Space Grant Consortium Educational Resources Blog
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Palomar College
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Pennsylvania Earth Science Teachers Association (PAESTA)
Pennsylvania Science Teachers Association
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ScienceCentral.com
Scientific American Blog
Sharing Environmental Education Knowledge (SEEK), Minnesota
Society of Vertebrate Paleontology
Socture Blog
Soil Science Society of America (SSSA)
St. Louis Volunteer
Stonerose Interpretive Center
St. Paul Spot
Suite101.com
TeachingBlogAddict.com
Terpconnect.umd.edu
The Dinosaur Place on Facebook
The Earth Scientist
The Globe Program
Tulsa Geoscience Center
Uncovered Earth Blog
United States Geological Survey (USGS) Blogs
Union Station, Kansas City
Universidad de Puerto Rico, Mayagüez
University of Arkansas, Little Rock
University of California Museum of Paleontology
University of Texas at Austin
University of Washington Earth and Space Sciences
University of West Indies Seismic Research Centre (SRC)
USborneColumbia Twitter
Utah Coalition for Educational Technology (UCET)
Utah Geological Survey
Vermont Geological Survey
Virginia Association of Science Teachers (VAST)
Virginia.org
Washington Department of Natural Resources
Washington Science Teachers Association (WSTA) Website

Webstatschecker.com

Whatsonwhen.com

Wikipedia.com

Zombielyrics.com

**News Clippings**

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Alpine Avalanche

Arizona State University (ASU) News

Bangor Daily

Casper Journal

Contra Costa Times

CurrentArgus.com

Daily Record

El Paso Times

Examiner News

Grand Forks Herald

Huffington Post

Illinois Times

Irish Weather Online

KCSG.com News

Kemmerer Gazette

KFYR-TV

KVIA
AGI Press Release
February 2011
http://www.earthsciweek.org/pressreleases/index.html

FOR IMMEDIATE RELEASE
February 4, 2011

Contact: Geoff Campshire
gac@agiweb.org

Our Ever-Changing Earth – The 2011 Earth Science Week Theme

Alexandria, VA – The American Geological Institute (AGI) is pleased to announce the theme of Earth Science Week 2011 will be “Our Ever-Changing Earth.” This year’s event will engage the public in actively learning about the varied and interconnected natural processes that shape our planet over time.

Earth Science Week 2011 support materials and activities will demonstrate how evidence of change can be found everywhere, from the soil beneath our feet to the oceans and the atmosphere around us. Learn how the fossil record displays the history of change in plant and animal life. The evidence of change touches our lives in many ways, as we see in headlines about topics such as resource availability, evolution, and climate.

“Planetary change raises important questions among young people, educators, and the public,” says Ann E. Benbow, Ph.D., AGI’s Director of Education and Outreach. “Earth Science Week 2011 will highlight the important roles that paleontologists, geologists, and other earth scientists play in building understanding of the complex interactions among the earth systems — atmosphere, hydrosphere, geosphere, and biosphere — over time.”

AGI leads Earth Science Week annually in cooperation with its sponsors and the geosciences community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, the U.S. Department of Energy, NASA, the National Park Service, ExxonMobil, and ESRI.

ESW 2011 will be celebrated October 9-15. To learn more about this week and ways to get involved — including newsletters, local events, and classroom activities — please go to the Earth Science Week website at http://www.earthsciweek.org/.

The American Geological Institute is a nonprofit federation of 49 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

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2-13
AGI Press Release
May 10, 2011
http://www.earthsciweek.org/pressreleases/index.html

FOR IMMEDIATE RELEASE
May 10, 2011

Earth Science Week 2011 Toolkits Available for Order

Alexandria, VA – The American Geological Institute (AGI) is now accepting advance orders for the 2011 Earth Science Week Toolkit, which contains educational materials for all ages that correspond to this year’s theme of “Our Ever-Changing Earth.” The Toolkit will be sent in August 2011.

The 2011 Earth Science Week Toolkit provides the traditional theme-related activity calendar and classroom activity poster published by AGI. It also features a variety of educational resources from program partners, including National Park Service resources on fossils and geology, a Rite in the Rain mini-notebook, and water experiment materials from the American Chemical Society.

Government agencies such as NASA, the U.S. Geological Survey, and the U.S. Fish and Wildlife Service have all contributed educational materials. Learn about fossils, geological heritage, Earth from space, the New Madrid earthquake, and much more in this year’s extensive Toolkit, filled with posters, brochures, bookmarks, fact sheets, postcards, and more.

AGI leads Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, ExxonMobil, and ESRI.

Earth Science Week 2011 will be celebrated October 9-15. To learn more about this week and to pre-order your 2011 Toolkit, please visit the Earth Science Week site at http://www.earthsciweek.org/ or the AGI Publications page at http://www.agiweb.org/pubs/pubdetail.html?item=609606. You may also call the AGI Publications department to place your order at 703-379-2480.

The American Geological Institute is a nonprofit federation of 49 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

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AGI Press Release
July 7, 2011
http://www.earthsciweek.org/pressreleases/index.html

4220 King Street
Alexandria, VA 22302-1502
703-379-2480;
Fax: 703-379-7563
www.agiweb.org

FOR IMMEDIATE RELEASE
July 7, 2011

Contact: Geoff Campshire
gac@agiweb.org

Earth Science Week 2011 Contest Themes Announced


Students, geologists, and the general public are encouraged to enter this year’s Earth Science Week photography contest, “A World of Change in My Community.” Use your camera to capture the evidence of the long- or short-term changes taking place around our planet and even in your own neighborhood.

Students in grades K-5 are eligible to enter the visual arts contest, “Picturing our Ever-Changing Earth.” Create a two-dimensional piece of artwork to illustrate the various ways air, water, land, and living things change over time.

The essay contest, “How Change Shapes our Planet,” is open to any student in grades 6-9. In a brief essay, explain how interactions between Earth’s systems can change our world over time. Discuss the processes used to study these change and how human life can be affected by geologic transformation.

For more information on these annual contests, including guidelines, deadlines, and information on how to correctly submit your entry, please visit http://www.earthsciweek.org/contests/.

Earth Science Week is organized annually by AGI with support from U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, ExxonMobil, ESRI, and others. To learn more about Earth Science Week, please go to http://www.earthsciweek.org/.

The American Geological Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

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AGI Press Release
August 2, 2011
http://www.earthsciweek.org/pressreleases/index.html

FOR IMMEDIATE RELEASE
August 2, 2011

Contact: Geoff Camphire
gac@agiweb.org

Earth Science Week Kicks Off with International EarthCache Day

Alexandria, VA – Earth Science Week 2011 will kick-off with the fifth annual International EarthCache Day on Sunday, October 9th. The public is invited to join the Geological Society of America (GSA), organizer of the global EarthCache program, and the American Geological Institute (AGI), Earth Science Week coordinators, in exploring this exciting and educational earth science experience.

International EarthCache Day is a time when EarthCachers around the globe organize small gatherings where people can learn something about the Earth. An EarthCache is a place that people locate with a GPS device while participating in a “treasure hunt” called geocaching.

“The treasure you find at an EarthCache is a lesson about the Earth itself,” says EarthCaching Program Director Gary Lewis of GSA, a longtime Earth Science Week partner. “Each EarthCache site will teach you something about the science of our dynamic planet - you actually have to do a task to prove that you have been observing and learning from your EarthCache visit.”

EarthCache events are being held around the world this October 9th. To view the locations for EarthCaching events, go to http://www.earthcache.org/.

In 2004 Lewis developed the world’s first EarthCache on an Australian headland, which features geologic evidence of ancient ice age. Since that time, more than 11,200 EarthCaches have been established by geocachers around the globe, and some 1,250,000 people have visited the sites. More EarthCaches are added daily.

As Earth Science Week approaches, stay tuned for more details on the international gathering of EarthCachers scheduled to take place in September 2012 in Portland, Maine. For more information, contact Lewis, Senior Director of GSA Education and Outreach, at 720-201-8132.

Earth Science Week is an annual event sponsored by AGI to expand public understanding and appreciation for the earth sciences and to encourage stewardship of the Earth. This year’s Earth Science Week will be October 9-15. To learn more about Earth Science Week, visit http://www.earthsciweek.org.

The American Geological Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

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2-16
AGI Press Release
August 26, 2011
http://www.earthsciweek.org/pressreleases/index.html

FOR IMMEDIATE RELEASE

Earth Science Week Contest Expanded Internationally

Alexandria, VA -- The American Geological Institute (AGI) is expanding eligibility for its annual Earth Science Week photography contest to allow members of AGI International Affiliates to participate for the first time.

Previously open only to residents of the United States, the photo contest has always been a major part of Earth Science Week, which this year is being celebrated October 9-15.

“By celebrating the theme of ‘Our Ever-Changing Earth,’ Earth Science Week 2011 focuses attention on the natural forces that shape our planet,” says Ann E. Benbow, Ph.D., AGI’s Director of Education and Outreach. “This is the perfect time to invite our colleagues and friends around the world to join this celebration of Earth science.”

Members of AGI International Affiliates are encouraged to enter this year’s Earth Science Week photography contest, “A World of Change in My Community.” These individuals are invited to use a camera to capture evidence of the long- or short-term changes taking place around their planet and even in their own neighborhoods.

For more information on the photo contest, including guidelines, deadlines, and information on how to correctly submit your entry, please visit http://www.earthsciweek.org/contests/.

Earth Science Week is organized annually by AGI with support from U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, ExxonMobil, ESRI, and others. To learn more about Earth Science Week, please go to http://www.earthsciweek.org/.

The American Geological Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

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AGI Press Release
September 20, 2011
http://www.earthsciweek.org/pressreleases/index.html

Earth Science Education Toolkit Expands Spanish, English Offerings

Alexandria, VA -- Nearly 30 educational activities and resources have been added to the newly updated SEED Earth Science Week Online Toolkit, a partnership of Schlumberger Excellence in Educational Development (SEED) and the American Geological Institute (AGI), which provides earth science education resources in both Spanish and English.

The Web site (http://www.earthsciweek.org/seed/) provides educational materials, activities, and other resources for both English- and Spanish-speaking students and teachers in the U.S. and for SEED schools around the world. The educational resources featured on the site have been developed by SEED, AGI, and other geoscience organizations and agencies.

Visitors now can view 76 lessons, posters, fact sheets and other materials, each offered in both Spanish and English. The materials provide introductory information on earth science, as well as in-depth coverage of topics on earth, water, air, and life sciences.

This SEED/AGI collaboration is the cornerstone of expanding the reach of Earth Science Week (http://www.earthsciweek.org) to a wider geoscience education community. Each October, AGI’s Earth Science Week program promotes awareness of the importance of the geosciences and stewardship of the planet. Earth Science Week 2011 (October 9-15) will celebrate the theme of “Our Ever-Changing Earth.”

SEED is a volunteer-based, nonprofit education program focused on underserved communities where Schlumberger people live and work. SEED empowers employee-volunteers and educators -- including teachers, parents and other mentors -- to share their passion for learning and science with students aged 10-18. The SEED learning-while-doing (LWD) methodology draws on the technology and science expertise of our volunteers to engage students in global issues, such as water, energy and climate change. More information can be obtained on the SEED Web site, at http://www.seed.slb.com/.

The American Geological Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 150,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

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2-18
National Fossil Day to Be Held During Earth Science Week 2011

Alexandria, VA - The American Geological Institute (AGI) and the National Park Service (NPS) are collaborating on the second annual National Fossil Day - October 12, 2011 - during Earth Science Week (October 9-15).

Join paleontologists, educators, and students in fossil-related events and activities across the country in parks, classrooms, and online during National Fossil Day. NPS has developed resources and activities to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. Visit the NPS National Fossil day site at http://nature.nps.gov/geology/nationalfossilday/ for standards-based lesson plans, fossil trading cards, videos, a virtual museum exhibit featuring dinosaurs, and more. Fossil-themed activities are also available in the Earth Science Week 2011 toolkit available at http://www.earthsciweek.org/materials/index.html.

The National Park Service is sponsoring a National Fossil Day Art and Photo Contest. Entries should address the theme “Fossils in My Backyard.” This contest is open to any U.S. resident. Entries are due October 5, 2011. See complete contest guidelines at http://nature.nps.gov/geology/nationalfossilday/art_contest.cfm.

In addition to online resources, local events, and contests, NPS and the Smithsonian Museum of Natural History will hold the National Fossil Day kick-off event in Washington, D.C. This celebration on the National Mall will take place from 10:00 a.m. until 2:00 p.m. on October 12, 2011. All are invited to learn how to become a Junior Paleontologist, study the history of life that has been preserved in over 230 NPS units, and hunt for your own fossils. For more information on the kickoff event, visit http://www.nature.nps.gov/geology/nationalfossilday/nationalevent.cfm.

AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, ExxonMobil, and ESRI. To learn more about Earth Science Week and National Fossil Day, go to http://www.earthsciweek.org/.

The American Geological Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 250,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

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AGI Press Release
October 7, 2011
http://www.earthsciweek.org/pressreleases/index.html

Explore ‘Big Ideas’ of Geoscience with Earth Science Week 2011

Alexandria, VA - The American Geosciences Institute (AGI) now offers free videos and other electronic resources to help students, educators, and others explore the “big ideas” of Earth science during Earth Science Week 2011 (9-15 October) and throughout the year.

Big Ideas videos bring to life the “big ideas” of Earth science. These are the nine core concepts that everyone should know, including “Earth scientists use repeatable observations and testable ideas to understand and explain our planet” and “Earth is continuously changing.” The Earth Science Literacy Initiative, funded by the National Science Foundation, has codified these underlying understandings of Earth science that form the basis of the Big Ideas videos.

Science educators are encouraged to use the videos either as an introduction to, or summary of, activities relating to the corresponding idea. Students can then create their own learning materials for younger age groups, and build assessments around supporting concepts in the videos.

The Big Ideas DVD is featured in the Earth Science Week 2011 Toolkit, available at http://www.earthsciweek.org/materials/index.html. To view the Big Ideas videos for free online, please visit http://www.youtube.com/AGIeducation, and search TeacherTube later this year.

The Earth Science Week website provides related resources. Educators can find dozens of classroom activities to help students build their understanding of the “big ideas” at http://www.earthsciweek.org/forteachers/bigideas/main.html

AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, educators, community groups, and interested citizens organize celebratory events, discover the earth sciences, and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, ExxonMobil, and ESRI. To learn more about Earth Science Week, please go to http://www.earthsciweek.org/.

The American Geosciences Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 250,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.
Arkansas.gov News Release

Earth Science Week

The following reader may be required for linked documents 
Adobe Reader | D2 View

Download PDF Document

TO ALL TO WHOM THESE PRESENTS COME - GREETINGS:

WHEREAS: The year marks the fourteenth annual Earth Science Week, designated by the American Geological Institute (AGI) to help the public gain a better comprehension of and appreciation for the earth sciences; and

WHEREAS: The theme for 2011, "Our Ever-Changing Earth", reflects the opportunities available to engage young people and the public in learning about the natural processes that shape our planet over time; and

WHEREAS: The earth sciences are crucial to environmental and ecological issues that range from water-resource assessments and conservation to air quality and waste disposal; and

WHEREAS: Geologic factors surrounding resources, hazards, and the environment are vital to land management and land-use decisions made in Arkansas; and

WHEREAS: The earth sciences are critical to ecosystem management, to our understanding of and respect for nature, and to Arkansas's continuing prosperity and well-being; and

WHEREAS: Knowledge of earth sciences provides the basis for preparing for and mitigating natural disasters, including floods, earthquakes, landslides, droughts, volcanic eruptions, coastal erosion, and hurricanes.

NOW, THEREFORE, I, MIKE BEEBE, Governor of the State of Arkansas, by virtue of the authority vested in me by the laws of the State of Arkansas, do hereby proclaim October 9 through 15, 2011, as EARTH SCIENCE WEEK.

across the State of Arkansas, and I encourage my fellow citizens to recognize the vital role of the geosciences in our use of natural resources, in our interaction with the environment, as well as in our safety, health, economic and welfare.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Arkansas to be affixed this 7th day of September, in the year of our Lord 2011.
The Bureau of Land Management (BLM) is once again celebrating National Fossil Day (NFD) during Earth Science Week, October 9-15, 2011. This year, the American Geological Institute's (AGI) Earth Science Week theme is “Our Ever-Changing Earth” that encourages the public to explore the natural world and learn more about the geosciences. This theme will also engage young people and the public in learning more about the natural processes that shape our planet over time. See http://www.earthsciweek.org/ for more information.

The NFD was established by the National Park Service (NPS) in response to the Omnibus Public Land Management Act, Paleontological Resources Preservation Subtitle (16 U.S.C. 470aaa) that requires the Federal land managing agencies to create programs that increase the public’s awareness of the significance of paleontological resources. The NFD is part of the BLM’s Heritage Education strategy to promote public education about the importance of paleontological resources in order to foster a greater appreciation of their scientific and educational values.

**BLM National Fossil Day Website:** The BLM’s Division of Cultural, Paleontological Resources and Tribal Consultation (WO-240) will use the BLM paleontology web page to post information and links about NFD events at: http://www.blm.gov/wo/st/en/prog/more/CRM/paleontology.html.

**National Fossil Day Resources and Activities:** Field Offices are encouraged to participate in the NFD by:

- Coordinating paleontological interpretive events that may be already planned to be held on or around October 12, 2011.
- Inviting your regional paleontologist, paleontology coordinator, or paleontologist partners to speak about paleontological resources in your resource area at a brown bag luncheon (see http://www.blm.gov/wo/st/en/prog/more/CRM/paleontology/fossil_contacts.html).
- Giving presentations at local schools about paleontological resources, a paleontological Area of Critical Environmental Concern, or national monument on public lands.
- Conducting field trips to nearby interpreted BLM paleontological localities such as Red Gulch Track Site or Garden Park Fossil Area.
- Coordinating NFD activities with your local partner museums, such as visiting paleontological collections that have come from BLM public lands.

Events already being planned in conjunction with NFD include:
AGI announces winner of 2011 Edward C. Roy Award

Alexandria, VA – Greer Lynn Harwell, a teacher at Clifford C. Meigs Middle School in Shalimar, Florida, has been named the 2011 recipient of the Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching.

Mrs. Harwell began her career teaching first grade at Ellis Point Elementary where she also later taught 4th grade. Since 2005, she has taught both 7th and 8th grade at Clifford Meigs. Harwell received her A.A. from Okaloosa Junior College (1991) and her B.S. in Education from the University of West Florida (1996).

"We were excited to read about the way in which Mrs. Harwell helps her students to generate and investigate their own questions about the world," says Ann E. Benbow, Ph.D., AGI Director of Education. "This is the kind of learning that stays with students throughout their lives.

Dr. Lamar White, Principal of Clifford C. Meigs Middle School, says, "As an instructor, Mrs. Harwell’s main strength is her ability to relate to her students and share with them wonder and excitement over scientific discoveries no matter how small.

Because of her enthusiasm for encouraging scientific exploration, Mrs. Harwell is an active and involved earth science teacher. In the past, she has collaborated with students at the F.C. Wilson Audubon Center to conduct research using Global Positioning System (GPS). She has presented at STEM and National Science Teachers Association (NSTA) Conferences, coached the academic team, and teams for both the Tech Bowl and the first Lego Robotics competitions, plus she has been a volunteer judge at various science fairs for elementary and middle schools in her district.

Given annually, the Edward C. Roy, Jr. Award recognizes one classroom teacher from kindergarten to eighth grade for his or her leadership and innovation in earth science education. This award is named in honor of Dr. Edward C. Roy, Jr., who was a strong and dedicated supporter of earth science education.

Mrs. Harwell will be presented with the Edward C. Roy, Jr. Award at the 2011 NSTA National Conference in San Francisco, California. Other finalists for the 2011 award are Amy Clark of Salisbury Community School in Salisbury, Vermont, and Jan L. French of Cincinnati Country Day School in Cincinnati, Ohio.

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National Fossil Day to be held during Earth Science Week 2011

Join paleontologists, educators, and students in fossil-related events and activities across the country in parks, classrooms, and online during National Fossil Day. AGI has developed resources and activities to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. Visit the AGI National Fossil Day site at: http://nfs.osc.org/projects/nationalfossilday for standards-based lesson plans, fossil trading cards, videos, a virtual museum exhibit featuring dinosaurs, and more. Fossil-themed activities are also available in the Earth Science Week 2011 toolkit available at: http://www.earthsciweek.org/materials/kids.html.

The National Park Service is sponsoring a National Fossil Day Art and Photo Contest. Entries should address the theme "Fossils in My Backyard." This contest is open to any U.S. resident. Entries are due October 3, 2011. See complete contest guidelines at: http://nationalparks.gov/geology/nationalfossilday_contest.htm.

In addition to online resources, local events, and contests, AGI and the Smithsonian Museum of Natural History will hold the National Fossil Day kickoff event in Washington, D.C. The celebration on the National Mall will take place from 10 a.m. until 2 p.m. on October 12, 2011. All are invited to learn how to become a Junior Paleontologist, study the history of life that has been preserved in over 2,500 NPS units, and hunt for your own fossils. For more information on the kickoff event, visit: http://www.nps.gov/geology/nationalfossildaykickoff.htm.

AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AGI Foundation, I4GIS, the National Park Service, Esri, and EERI. To learn more about Earth Science Week and National Fossil Day, go to http://www.earthsciweek.org.
Earth science education toolkit expands Spanish, English offerings

Alexandria, VA — Nearly 30 educational activities and resources have been added to the newly updated SEED Earth Science Week Online Toolkit, a partnership of Schlumberger Excellence in Educational Development (SEED) and the American Geological Institute (AGI), which provides earth sciences education resources in both Spanish and English.

The Web site provides educational materials, activities, and other resources for both English- and Spanish-speaking students and teachers in the U.S. and for SEED schools around the world. The educational resources featured on the site have been developed by SEED, AGI, and other geoscience organizations and agencies.

Visitors now can view 75 lessons, posters, fact sheets and other materials, each offered in both Spanish and English. The materials provide introductory information on earth science, as well as in-depth coverage of topics on earth, water, air, and life sciences.

This tripartite collaboration is the cornerstone of expanding the reach of Earth Science Week to a wider geoscience education community. Each October, AGI’s Earth Science Week program promotes awareness of the importance of the geosciences and stewardship of the planet. Earth Science Week 2011 (October 9-15) will celebrate the theme of “Our Ever-Changing Earth.”

SEED is a volunteer-based, nonprofit education program focused on underserved communities where Schlumberger people live and work. SEED empowers employee-volunteers and educators — including teachers, parents, and other mentors — to share their passion for learning and science with students aged 10-16. The SEED learning-through-doing (LTD) methodology draws on the technology and science expertise of our volunteers to engage students in global issues, such as water, energy and climate change. More information can be obtained on the SEED Web site, at http://www.seedweb.org/.

The American Geological Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 115,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.
Grand Canyon National Park
September 28, 2011

Grand Canyon News Release
Release date: Immediate
Contact(s): Maureen Oltrogge
Phone number: 928-638-7779
Date: September 28, 2011

Grand Canyon National Park to Celebrate Earth Science Week October 9 – 15, 2011

Grand Canyon, Ariz. - Grand Canyon National Park will celebrate Earth Science Week and National Fossil Day by offering a variety of special programs and events during the week of October 9 – 15, 2011. Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the world’s most well known and most scenic geologic landscapes.

National Fossil Day is Wednesday, October 12 and is a part of Earth Science Week. National Fossil Day is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

Grand Canyon National Park will offer a variety of other special programs to commemorate Earth Science Week. Daily Fossil Walks will be offered from Sunday, October 9 through Saturday, October 15. Fossil Walks begin at 10:00 a.m., meet at the patio behind Bright Angel Lodge and will visit a fossil bed containing the remains of a variety of marine organisms exposed near the rim of Grand Canyon. The programs will last approximately one hour and include an easy \( \frac{1}{2} \) mile walk.

EXPERIENCE YOUR AMERICA
The National Park Service cares for special places saved by the American people so that all may experience our heritage.

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KGS Announces Release of 2011 Earth Science Week Toolkits

The Kansas Geological Survey (KGS), in cooperation with the American Geological Institute (AGI), is sponsoring Earth Science Week activities on October 9-15, 2011, by making available Earth Science Week Toolkits. KGS is distributing the toolkits to individuals and groups interested in holding their own Earth Science Week activities and programs.

The Earth Science Week Toolkit contains information and resources for K-12 and university students and the public. Each toolkit includes a 'Rise in the Blue' field notebook, National Park Service resources on fossils and geology, and water resources materials from the American Chemical Society. Other scientific agencies such as NASA, the U.S. Geological Survey, and U.S. Fish and Wildlife Service have contributed educational materials about fossils, geological heritage, Earth from space, and the New Madrid Earthquake. Materials include posters, educational handouts, and classroom activities. Additional resources and activities that complement the toolkits are available at the Earth Science Week website: http://www.earthsweek.org/

Earth Science Week is an annual event organized by AGI to help the public gain a better understanding and appreciation of the Earth sciences and to encourage stewardship of the Earth. The theme of Earth Science Week 2011 is “Our Ever-Changing Earth” and will engage the public in actively learning about the varied and interconnected natural processes that shape our planet over time.

The Earth Science Week Toolkits can be obtained from either the Kansas Geological Survey, 1930 Constant Ave., Lawrence, KS 66047-3726 (phone: 785-864-3965), or the AGI Webb-Waring Sample Library, 4130 Monroe St., Wichita, KS 67208 (phone: 316-944-2243) A limited supply are available free of charge, plus shipping and handling. After supplies are exhausted, additional copies may be purchased from AGI for $5.00, plus shipping and sales tax. More information about KGS books, maps, and other products is available at the KGS website: www.kgs.ku.edu.

Link of interest to this article:
American Geological Institute’s Earth Science Week website

Story by Shane Legg (785) 864-2063.

Kansas Geological Survey, Public Outreach
Maine State Museum
http://media-newswire.com/release_1159972.html

Maine Earth Science Day Stated for October 19 at Maine State Museum

Scientists, artists, educators, and industry professionals from around Maine will gather at the Maine State Museum on October 19, 2011 for the annual Maine Earth Science Day.

(Media-Newswire.com) - Scientists, artists, educators, and industry professionals from around Maine will gather at the Maine State Museum on October 19, 2011 for the annual Maine Earth Science Day. Curious visitors of all ages will be invited to discover and explore Maine's geology and earth products. The event begins at 9:00 a.m. and concludes at 3:00 p.m.

"Over 800 students from throughout the state are already signed up to attend Maine Earth Science Day. We'll have many activities, such as gold panning and exploring how to quarry granite," commented the museum's chief educator, Joanne Yee. "Scientists, industry professionals, artists, and educators will show the many ways that earth science affects every aspect of our lives."


Admission to the museum is free of charge all day. Teachers or parents bringing groups of students are urged to make reservations by completing a reservation form on the museum's website: www.mainestate museum.org/learn.

For more information, check the museum's website: www.mainestate museum.org
National Park Service, Partner Organizations Host National Fossil Day on the National Mall

Washington, D.C. – The National Park Service (NPS) and Partner Organizations will host the second Annual National Fossil Day on the National Mall on Wednesday, October 12, 2011, from 10:00 a.m. to 2:00 p.m. at 10th Street and Constitution Avenue, in front of the Smithsonian Natural History Museum. Join paleontologists and park rangers to kick off National Fossil Day during Earth Science Week (October 9-15, 2011). The event is free and open to the public. The event includes activities for all ages.

National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value. Since 1916, The Organic Act has directed parks to "conserve the scenery" and natural objects, including fossils. In 2009, the Paleontological Resources Preservation Act was signed into law, requiring parks to manage and protect fossils for scientific and educational values. Park Rangers and paleontologists are working together to maintain fossils for scientific study and public education.

One of the highlights of the event will be an opportunity to dig for your own fossil souvenirs in fossil-rich sediment from North Carolina. Once you have unearthed these treasures, scientists from the Smithsonian will help you identify your finds. You can bring your own fossils and scientists can help you identify them. Throughout the day, the Smithsonian staff will be on the National Mall inside the Fossil Preparation Laboratory, located inside the Natural History Museum to answer questions and provide information on fossils of the DC area.

The NPS will present its Junior Paleontologist program; the goal of this program is to connect young people to their national parks through park activities. Through this program participants will learn about our nation’s fossils using games and activities testing your knowledge of prehistoric life. Complete an activity book and earn a Junior Paleontologist badge. Visitors can also learn about a Junior Paleontologist who helped preserve history at Badlands National Park.

Another highlight of the day will be activities from Jim Henson’s Dinosaur Train. Participants can meet Buddy the T-rex, and record their best Dinosaur roar, make their own bird feeder and Buddy mask, and see the premier of a new Nature Trackers episode. Though all may participate, Dinosaur Train activities are especially suited to the pre-school crowd.

If one Buddy is not enough, Buddy Bison will also be present to welcome kids on behalf of the National Park Trust.

-more-
Noodls.com Press Release

AGI - American Geological Institute

07/07/2011 | Press release
Earth Science Week 2011 Contest Themes Announced

A federation of 56 societies
4220 King Street
Alexandria, VA 22302-1502
703-379-2480; Fax: 703-379-7663 www.agiweb.org
FOR IMMEDIATE RELEASE Contact: Geoff Camphire
July 7, 2011 gc@agiweb.org

Earth Science Week 2011 Contest Themes Announced

Students, geologists, and the general public are encouraged to enter this year's Earth Science Week photography contest, "A World of Change in My Community." Use your camera to capture the evidence of the long- or short-term changes taking place around our planet and even in your own neighborhood.

Students in grades K-5 are eligible to enter the visual arts contest, "Picturing our Ever-Changing Earth." Create a two-dimensional piece of artwork to illustrate the various ways air, water, land, and living things change over time.

The essay contest, "How Changes Shapes our Planet," is open to any student in grades 6-9. In a brief essay, explain how interactions between Earth's systems can change our world over time. Discuss the processes used to study these change and how human life can be affected by geologic transformation.

For more information on these annual contests, including guidelines, deadlines, and information on how to correctly submit your entry, please visit http://www.earthsciweek.org/contests/.
State Museum of Pennsylvania
on PRNewswire.com

October Highlights at State Museum of Pennsylvania Include Archaeology Month, Great Pumpkin Day

HARRISBURG, Pa., Sept. 27, 2011 /PRNewswire-USNewswire/ -- The State Museum of Pennsylvania today announced its program schedule for October.

Archaeology Month: As part of a national observance, the achievements of exploring and understanding the past through archaeology are commemorated by the State Museum every October. This year the museum will continue its annual dig—to which the public is invited to watch—as it uncover the 400-year old remains of Fort Haxall in Dauphin County through Friday, Oct. 14, and open an interpretive display on the findings of the Fort Haxall dig on the museum's second floor.

National Fossil Day: The State Museum will mark National Fossil Day with public tours of the special paleontology exhibit "Life Through Time," featuring the recently restored Marshall's Creek mammoth at 11 a.m., noon, and 1 p.m., with a special tour for pre-schoolers at 9:45 a.m. Tours are free with museum admission.

3rd in the Park: Join the State Museum on Friday, Oct. 28, 6 p.m. to 9 p.m. for a fun and seasonal "3rd in the Park" reception sponsored by Harrisburg Young Professionals. Free.

DOESB Gallery Talks: Art Historian Beverly M. Dougherty will present "Heads 'N the Ladies," exploring the influence of the female muse on noted master artists throughout history. Sponsored by the Biopolar ADHD Museum, the lecture will be held at the State Museum on Sun., Oct. 23, at 2 p.m. and is free with museum admission.

Great Pumpkin Day: The State Museum will offer a family event for the harvest season on Saturday, Oct. 22, from 10 a.m. to 3 p.m. Young children and their parents will enjoy a spooky scavenger hunt exploring the exhibit galleries, Halloween costumes and crafts. Free with museum admission.

Featured Planetarium Shows:
- Star Shades of the Native Americans (grade 2 and up): Explores the right-angle legends of the Native Americans and discover how these tales helped to develop an understanding of the eight signs and its importance to the Native American people. Sat., 11 a.m. and 1 p.m.; Sun., 1 p.m.
Haslam Proclaims Oct. 9-15 Earth Science Week in Tennessee

Released on Fri, Oct 07, 2011 - 1:36 pm under Environment and Conservation

Earth Science Week: Toolkits Available to Teachers Across the State

NASHVILLE -- Tennessee Gov. Bill Haslam has proclaimed Oct. 9-15 Earth Science Week in Tennessee, promoting the important role that geology and other earth sciences play in Tennessee's safety, health, welfare and economy.

As part of Earth Science Week, the Tennessee Department of Environment and Conservation's Division of Geology, in partnership with the American Geological Institute, has a limited number of Earth Science Week toolkits to distribute to science teachers across the state.

"Celebrating the special week is a great way to engage students in the earth sciences and why they are so important to understanding the natural world around us," Haslam said. "From east to west, Tennessee has varied and unique geological features, such as the formation of Ruby Falls 200 years ago, which will be featured in this year's Earth Science Week toolkit. I encourage science teachers across the state to take advantage of this wonderful educational opportunity."

The 2011 Earth Science Week theme is "Our Ever Changing Earth" and toolkits will focus on educating students about the natural processes that shape our planet over time. Special items include resources and materials from the National Park Service, NASA, U.S. Geological Society and the U.S. Fish and Wildlife Service. This year's toolkit also will include posters, activity calendars, experiment materials, resources and reading materials, field notebooks, brochures, booklets and fact sheets.

"So much of what the Department of Environment and Conservation does on a daily basis revolves around the earth sciences -- from air quality to water resources to land management," said Environment and Conservation Commissioner Bob Martineau. "The department's Division of Geology has a critical role in helping us understand and appreciate the value earth sciences have on our overall health and safety. We are pleased to provide these educational tools to Tennessee's classrooms."

This year, approximately 25 governors across the United States will join Gov. Haslam in issuing proclamations that support Earth Science Week, reaching more than 40 million people across the country. As in years past, individuals and groups will celebrate Earth Science Week 2011 by participating in events in all 50 states and five countries around the world.

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Tennessee Government Newsroom
http://news.tennesseanymtime.org/node/7907
September 15, 2011
Timely reminders, fabulous freebies, best sites & more *worth the surf*

In This Issue
- Grants and Other Funding Sources
- Awards, Competitions and Other "Winning" Opportunities
- Free and Inexpensive Resources
- Of Special Interest
- Mobile Learning on the Move
- FETM Games
- "Worth-the-Surf" Web Bits
- Bookmark These

Awards, Competitions and Other "Winning" Opportunities

Picture an Ever-Changing Environment
The American Geological Institute (AGI) is sponsoring a photography contest to celebrate Earth Science Week (October 9–15, 2011). The photography theme for this year is A World of Change in My Community. Entries must be composed of original, authentic, unpublished material and must be the sole property of the entrant, not previously submitted to any other contest. The photography contest is open to interested persons of any age, who are residents of the United States or members of an AGI International Affiliate. The winner will receive a prize of $500 USD, a copy of AGI’s Faces of Earth DVD, and his or her photograph will be used on the Earth Science Week Web site.
Deadline: October 14, 2011
Click Here for More Information

Plus: AGI is sponsoring a visual arts contest to celebrate Earth Science Week 2011. The visual arts theme for this year is Picturing Our Ever-Changing Earth. What Earth changes do your students know about? What do they think causes those changes? Invite them to use artwork to show ways in which Earth’s air, water, land and living things change over time. The visual arts contest is open to any interested person in grades K–5, who is a resident of the United States. The projects will be judged by a panel of geoscientists on creativity and relevance to and incorporation of the topic. The selected entry will win $300 and a copy of AGI’s Faces of Earth DVD. The winners’ and finalists’ names and entries will be posted to the Earth Science Week Web site.
Deadline: October 14, 2011
Click Here for More Information

Help Students Get Financial Support for College
iPivoted.org is a new Web site (similar to DonorsChoose.org) that helps low-income students find donations to cover college expenses. Students using the site post a short profile and specify a budget for their education expenses, ranging from a few hundred to several thousand dollars. Potential contributors browse students’ listings, choose a student and donate. The profiles stay up for as long as six months. When students reach their financial goal, they get the funding minus 15 percent to offset iPivoted’s administrative costs. If pledges fall short of the goal, donors get their money back.
Deadline: N/A
Click Here for More Information
Earth Science Week 2011 Toolkits Now Available from AGI

The American Geological Institute is accepting advance orders for the 2011 Earth Science Week Toolkit. The toolkit features a variety of educational resources from program partners, including National Park Service resources on fossils and geology, a "Rite in the Rain" mini-notebook and water experiment materials from the American Chemical Society. The kit will be mailed in August for the Oct. 9-15 celebration.

For more information: AGI - News Release (PDF)
howtosmile Newsletter

what's new at the informal educators' STEM portal
October 2011

SMILE goes Mobile

Drum roll, please... It’s the FREE SMILE Mobile App!!! The FREE SMILE mobile app is here! The new app for iPhone and iPod Touch lets you engage learners anywhere, any time, any age.

Download the howtosmile app on iTunes and search the entire SMILE collection, now more than 2,000 STEM activities. You can also filter your search, sample the Top 20 most popular activities, read the blog for fresh approaches, and share favorite SMILE activities and blog posts with students, friends, family, teachers, and other educators.

Read the full story on the howtosmile.org blog.

"Hunting" Dinosaurs

"Hunting" dinosaurs with yesterday's leftovers, toilet paper and imagination...
Earth Science Week open house brings large crowd to KGS

KGS had one of its most successful Earth Science Week open house events as a crowd of over 250 students, parents, and teachers visited the Mining and Mineral Resources Building on the evening of Oct. 13. Survey staff set up exhibits and demonstrations related to energy topics, dinosaurs, caves, karst, minerals, and polished rocks. Several other organizations brought displays as well. The UK Department of Earth and Environmental Sciences brought a stream table; the UK Mining Engineering Department demonstrated coal separation techniques. Displays also came from the Kentucky Archaeological Survey, the National Energy Education Development program, the Kentucky Water Resources Research Institute, and the Kentucky Paleontological Society.

Above, Rachel Hatch, president of the UK geology club, tells open house visitors about samples of thin rock sections as they inspect them under microscopes.

The event is promoted each year among public and private schools in Fayette and surrounding counties, and a number of teachers ask for lists of the exhibits so they can urge students to attend and find answers to specific questions about earth science topics.

Unregulated drinking water—continued from p. 4

arsenic, uranium, manganese, fluoride, and nitrates/nitrites, in private wells. Although the United States has a comprehensive public health program focused on public water supplies, there is no corresponding program ensuring the safety of private well water.
Ancient Tsunamis

Did you know that 37 million years ago, New Mexico was located on the equator? Basilisk leaves, and much of the state was covered by an ocean. In fact, over the course of a particular spot in our state, the distance between two sentry posts of a coastal plain or on a continental shelf. What causes the rate to increase around the globe, shoreline to move hundreds of miles, and tsunami ranges to grow and then disappear?

- The refining crust and apparent mantle of Earth (the lithosphere) are comprised of a number and division of thin solid plates floating on a plastic layer in the upper mantle (the asthenosphere). These plates move relative to each other by sliding apart and generating new crust at the plate boundaries, sliding together and creating areas of friction. An oceanic plate, which is longer by 90 miles wide, captured with the seafloor spreading, is located on the surface of Earth above the earthquake that occurred in the Brothers Island located about 40 miles east of the city of Sendai, Japan. The tsunami originated at a depth of about 6 miles.

- Tsunamis are generated by earthquakes, volcanoes, and landslides. They are caused by the movement of a large body of water, typically an ocean, over a distance of at least 100 miles.

- The largest tsunami to occur in records was one that occurred in the Pacific Ocean in 1960, known as the Chilean tsunami. It was generated by an earthquake in the Chilean coast and caused waves that reached over 200 feet in height.

- Tsunamis can travel across the ocean at speeds of up to 700 miles per hour, but when they hit the coast, they slow down and can reach heights of up to 100 feet.

- Tsunami waves can cause massive destruction, including the loss of life and property. In Japan, for example, the 2011 tsunami caused over 15,000 deaths and destroyed thousands of homes.

- Tsunamis are one of the most dangerous natural disasters, and it is important to have an evacuation plan in place and to be aware of the risk in your area.

- In Europe, tsunamis are rare but do occur. The largest recorded tsunami in Europe was the 1896 tsunami in the Black Sea, which caused over 2000 deaths.

The American Geological Institute is pleased to announce the theme of Earth Science Week 2011: "Our Ever-Changing Earth." This event will engage young people and the public in learning about the natural processes that shape our planet over time. Earth Science Week 2011 materials and activities will show how evidence of change can be found everywhere, from the earth beneath our feet to the oceans and atmosphere around us.

Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, the AAPG Foundation, the U.S. Department of Energy, NASA, the National Park Service, Exxon Mobil, ESRI, and other major geoscience groups. To learn more, visit http://www.earthsciweek.org
October 2011 Education Update

October 2011

A monthly broadcast including upcoming educational programs, events, opportunities, and the latest resources from NASA's Science Mission Directorate.

To unsubscribe, e-mail eed_newslet cuộc un subscribed@lists . nasa . gov with 'Unsubscribe' as the subject.

Click here to see an archive of past newsletters.

Programs & Events

New in this issue

- Year of the Solar System — Resources for Moons and Rings: Our Favorite Things
- NASA's Exploration Earth and Beyond Websinars (Oct. 4, 18, 21, 35)
- International Observe the Moon Night (Oct. 10)
- Earth Science Week Web Event with NASA's Chief Scientist (Oct. 12)
- Full Online Courses for Educators from the American Museum of Natural History (Deadline Oct. 10)
- Premiere of "The Wanderers" — A Tour of the Solar System (Oct. 11)
- Teacher Workshops in Earth and Space Science in Houston — Middle and High School Educators (Oct. 12, Oct. 20, Nov. 30)
- 2011 IODE Art Contest — Wonders of Weather: What Do You See? Grades 2-4 (Due Nov. 7)
- ASP Nominations for 2012 Awards for Excellence in Astronomy Education (Due Dec. 15)
- Earthline Annual Essay and Blogging Contest on Sustainability — Undergraduate/Graduate Students (Due Dec. 22)

Previously Broadcast
On the Web: Earth Science

Freebies for Science Teachers

The Freebies portion of the NSTA website features online resources relating to Earth Science. To learn about other resources and services, click here.

- **SEED Earth Science Week Online Toolkit**
  The toolkit, a partnership of Schlumberger Excellence in Educational Development (SEED) and the American Geological Institute (AGI), provides Earth science education resources in both Spanish and English. Visitors can view dozens of lessons, posters, fact sheets, and other materials in Spanish or English. Materials provide users with introductory information on Earth science, as well as in-depth items on Earth, water, air, and life science.

- **Google Earth Activities**
  This web page from students at Penn State Brandywine presents Earth science exercises for K–12 classrooms that use Google Earth. Students can complete the activities individually, or teachers can do them as a class demonstration. Sample activities include “What a Tombstone Can Tell Us” (elementary/middle level); “Google Sky Scavenger Hunt” (middle level); and “An Exploration of Global Oil Spill Disasters” (middle level/high school).

- **Ask-A-Geologist Website**
  Do you have questions about volcanoes, earthquakes, mountains, rocks, maps, groundwater, lakes, or rivers? If so, you and your students can try this U.S. Geological Service site. Participating scientists include geologists, hydrologists, cartographers, and technicians, ranging from recent college graduates to senior scientists. Questions are not assigned by specialty, so a question about earthquakes might go to a groundwater specialist; however, all of the participating scientists have a general background in the Earth sciences and an enthusiasm for answering a broad range of questions.
NEW GRANT AND FUNDING INFORMATION

NEA: A World of Change in My Community
The American Decological Institute is sponsoring a photography contest to celebrate Earth Science Week 2011. The photography theme for this year is “A World of Change in My Community.” Maximum award: $500, a copy of “A Side Faces of Earth” DVD, and the winner’s photograph on the Earth Science Week Website. Eligibility: Interested residents of the United States of any age. Deadline: October 14, 2011. 
http://www.earthscience.org/contests/photography/index.html

NEA Foundation Learning & Leadership Grants
NEA Foundation Learning & Leadership Grants support public school teachers, public education support professionals, and/or faculty and staff in public institutions of higher education for one or two purposes. Grants to individuals fund participation in high-quality professional development experiences, such as summer institutes or action research; grants to groups fund collegial study, including study groups, action research, lesson study, or mentoring experiences for faculty or staff new to an assignment. Maximum award: $2,000 for individuals and $5,000 for groups engaged in collegial study. Eligibility: Public school teachers in grades K-12; public education support professionals, or faculty and staff at public higher education institutions. Deadline: October 15, 2011.

NEA Foundation Student Achievement Grants
The NEA Foundation Student Achievement Grants provide funds to improve the academic achievement of students by engaging in critical thinking and problem-solving that deepen knowledge of standards-based subject matter. The work should also improve students’ habits of inquiry, self-directed learning, and critical reflection. Maximum award: $5,000. Eligibility: Preadolescents, U.S. public school teachers, public education support professionals, or faculty or staff at public higher education institutions. Deadline: October 15, 2011.
http://www.neafoundation.org/programs/StudentAchievement_Guidelines.htm

For more grants, see http://www.publiceducation.org/newsblast/grants.asp
http://www.earthiscienceweek.org

Earth Science Week 2011 will be celebrated October 9–15. To give you plenty of time to prepare, the American Geological Institute (AGI) is now accepting advance orders (through the web site) for the 2011 Earth Science Week Toolkit, with K-12 educational materials that correspond to this year's theme of "Our Ever-Changing Earth." The toolkit will go out in August.

The 2011 Earth Science Week Toolkit provides the traditional theme-related activity calendar and classroom activity poster published by AGI. It also features a variety of educational resources from program partners, including National Park Service resources on fossils and geology, a Rite in the Rain mini-notebook, and water experiment materials from the American Chemical Society.

Government agencies such as NASA, the U.S. Geological Survey, and the U.S. Fish and Wildlife Service have all contributed educational materials. Learn about fossils, geological heritage, Earth from space, the New Madrid earthquake, and much more in this year's extensive toolkit, filled with posters, brochures, bookmarks, fact sheets, postcards, and more.

AGI leads Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, ExxonMobil, and ESRI.
Earth Science Week Update, March 2011

New NASA Offerings Target Earth Science

NASA, a longtime Earth Science Week partner, recently announced a handful of educational resources perfect for Earth science classrooms:

* The WINDS Data Visualizer (http://www.oceanmotion.org/html/resources/winds.html) gives access to global ocean surface wind behaviors between 1999 and 2009. The visualizer allows users to select a region of the ocean and study changes. Each map has arrows showing the wind direction, and colors indicate the wind speed, direction, convergence, or vorticity.

* Check out the National Council for the Environment’s NASA-based curricular package of nine self-contained modules on climate change (http://www.eoearth.org/article/NCSE-NASA_Interdisciplinary_Climate_Change_Education). Educators and students can use web portals that allow interactions with other instructors and students.


Summer Science Camp Locations Announced

ExxonMobil Foundation and Dr. Bernard A. Harris, Jr., the first African-American to walk in space, are partnering for the sixth consecutive year to provide more than 1,200 middle school students with math and science experiences this summer at no cost to students. The ExxonMobil Bernard Harris Summer Science Camps will be hosted by 23 universities across the country.

The camps offer students an opportunity to take part in field work, experiments, and team-based competitions. Students live on campus during the two-week camp and participate in daily classes taught by university faculty and secondary teachers. The camp features a student-centered, inquiry-based curriculum with a focus on natural science, engineering, mathematics, and technology.
A Guide for Organizing Your Outdoor Earth Science Event
Sponsored by the American Geological Institute

This guide provides tips on planning an event, organizing educational activities, and reaching out to news media for those who want to organize their own No Child Left Inside Day. Any day can be NCLI Day for young people and educators!
The OESTA officers are preparing for Earth Science Week (ESW) 2011, which is slated for October 9th – 15th, 2011.

The Fall 2011 OESTA newsletter will focus on preparing members and students for ESW 2011.

This year’s ESW theme is “Our Ever-Changing Earth”, which will engage young people and the public in learning about the natural processes that shape our planet over time.

If you have feedback about the newsletter, please contact Kurtz Miller, OESTA Newsletter Editor.

**Natural Disasters 2011**

Flooding in Queensland, Australia, Jan. 2011.  
Satellite image of Hurricane Irene on the East Coast.
OUR EVER-CHANGING EARTH — THE 2011 EARTH SCIENCE WEEK THEME

The American Geological Institute (AGI) has announced the theme of Earth Science Week 2011: "Our Ever-Changing Earth." This year’s event will engage the public in actively learning about the varied and interconnected natural processes that shape our planet over time. Earth Science Week 2011 support materials and activities will demonstrate how evidence of change can be found everywhere, from the soil beneath our feet to the oceans and the atmosphere around us. "Planetary change raises important questions among young people, educators, and the public," says Ann E. Benbow, AGI’s Director of Education and Outreach. "Earth Science Week 2011 will highlight the important roles that paleontologists, geologists, and other earth scientists play in building understanding of the complex interactions among the earth systems — atmosphere, hydrosphere, geosphere, and biosphere — over time."
Earth Science Week, October 9-15, 2011, Theme Announced

AGI is pleased to announce the theme of Earth Science Week 2011: “Our Ever-Changing Earth.” Being held October 9-15, 2011, the event will engage young people and the public in learning about the natural processes that shape our planet over time.

Earth Science Week materials and activities will show how evidence of change can be found everywhere, from the earth beneath our feet to the oceans and atmosphere around us. The fossil record of changes in plant and animal life likewise can be found around the globe. These changes touch our lives in many ways, as we see in headlines about topics such as resource availability, evolution, and climate change.

“Planetary change raises important questions among young people, educators, and the public,” says Ann E. Benbow, Ph.D., AGI’s director of education and outreach. “Earth Science Week 2011 will highlight the important roles that paleontologists, geologists, and other Earth scientists play in building understanding of the complex interactions among the earth systems—atmosphere, hydrosphere, geosphere, and biosphere—over time.”

Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, the AAPG Foundation, the U.S. Department of Energy, NASA, the National Park Service, ExxonMobil, ESRI, and other major geoscience groups. To learn more, go to http://www.earthsciweek.org. Earth Science Week is more than one week of the year. If you’ve got Internet access, you can teach and learn about Earth science all year long. The Earth Science Week website offers loads of classroom activities, theme-based resources, research projects, local events and organizations, and careers information. Most importantly, the site features dozens of recommended lessons that teachers and parents can conduct with children. All are aligned with the National Science Education Standards. Check it out at http://www.earthsciweek.org today!
March 2011

Hope to See You at NSTA!
by Roberta

As you will see below, Windows to the Universe and NESTA have a very busy schedule at NSTA, with a total of 25 events! I hope to see those of you that can make it to one or more of our workshops or other events. Speaking of events, I'd like to draw your attention to the following:

- **NESTA Field Trip, March 9, San Francisco** - With the help of Dr. Dave Schwartz (USGS), an exciting pre-NESTA Field Trip is planned for Wednesday, March 9. The field trip, "A Tour of Subduction, Jurassic Cherts, Active Faults, and An Antiform," will be led by Dr. Schwartz. Please get your registration in as soon as possible so we can get an accurate count. You can register on the NESTA website as well as find out more information about the trip. Save an extra $5 by registering online before March 8. Tickets are $85 per person online before March 9 and $10 per person at the door.

- **NESTA Breakfast, Saturday, March 12, San Francisco** - Join us for the NESTA Earth and Space Science Resource Day Breakfast. We will have a nice, sit-down breakfast, and will have a breakfast speaker. Dr. Jesse Lawrence, from the Stanford University Department of Geophysics, will speak about the Oquake-Catcher Network. The Oquake-Catcher Network (OQN – nqm.stanford.edu) is the largest and fastest-growing seismic network in the world. OQN connects inexpensive seismic sensors to internet-connected computers hosted by individuals and schools. These inexpensive sensors are ideal for teaching concepts related to earthquake seismology. In addition, OQN provides software to help understand how earthquake records relate to earthquake motion. Come learn how you and your students can become Oquake Catchers. Tickets to this breakfast are available only through the NESTA website at [http://www.nestanet.org/content/conferences/register](http://www.nestanet.org/content/conferences/register). Tickets are $40 per person before March 9 and $55 per person onsite.

**Earth Science Week 2011**

AGI (American Geological Institute) is pleased to announce the theme of Earth Science Week 2011: “Our Ever-Changing Earth.” Being held October 9-15, 2011, the event will engage young people and the public in learning about the natural processes that shape our planet over time.

Earth Science Week 2011 materials and activities will show how evidence of change can be found everywhere, from the earth beneath our feet to the oceans and atmosphere around us. Fossil records of changes in plant and animal life likewise can be found around the globe. These changes touch our lives in many ways, as we see in headlines about topics such as resource availability, evolution, and climate change.

Write these dates on your calendar now and look for updates about Earth Science Week 2011 in upcoming newsletters!
You may have noticed, as I did a few years ago, that Earth Day has precious little Earth science in it. Professional societies for geologists noticed that too, so they created their own Earth event. In 2011 the week of October 9-15 is it—Earth Science Week. Look around, starting at earthsciweek.org, and see if you like it.

Why a Whole Week?

Why do we need an Earth Science Week when we have an Earth Day? If you ask me, the reasons for both events are the same—our lives, and just as important, our societies depend on the wealth that this planet provides. But here are two reasons for having a separate event.

First, the proponents of Earth Day have settled on a consciousness-raising program centered around the plants and animals. They have kept things simple, at the level of poppies and puppies. Endangered species, threatened habitat, pollution control and international laws to save the whales are absolutely worthy of this effort. And that message is plenty for one day. Earth Day works for what it needs to do, but it’s not enough time for what Earth Science Week needs to do.

Because, second, saving the whales will not save us. If you think of the human race living on Earth like a family living in a house, Earth Day is about cleaning house. But our house needs more than a spring cleaning—it needs fixing up. It needs repairs, new furnishings for the new tenants, and better appliances to serve their needs.

That work is not like picking up trash from the beach, which anyone can do. It calls for professionals, scientists, and technicians who know how the house is constructed. They must learn ways to run a mine properly, find the right waste disposal site, fix ruined ground, locate clean water, and restore worn-out soil.

Turning young people on to a career in Earth science, and keeping others reasonably informed about it, takes at least a week, and in fact there are events during most of October.
Celebrate National Fossil Day on the National Mall in Washington, D.C. on Wednesday, October 12, 2011, from 10:00 a.m. to 2:00 p.m. at 16th Street and Constitution Avenue, in front of the Smithsonian National History Museum. The event is organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value. Participants will enjoy hands-on activities and educational presentations that will broaden your understanding of paleontology.

Highlights of the Event:

- Participants will have the opportunity to dig for fossil souvenirs in fossil-rich sediment from North Carolina. Scientists from the Smithsonian will help you identify your finds. You can bring your own fossils and scientists can help you identify them.

- Through the Junior Paleontologist Program, young people will learn about our nation's fossils using games and activities testing your knowledge of prehistoric life. Complete an activity book and earn a Junior Paleontologist badge.

- Activities from Jim Henson's Dinosaur Train - meet Buddy the T-rex, and record your best Dinosaur roar, make your own bird feeder and Buddy mask, and see the premier of a new Nature Takers episode.

For more information, visit the National Fossil Day website.
Earth Science Week 2011

The American Geological Institute (AGI) is sponsoring three national contests as part of Earth Science Week 2011, celebrating the theme of "Our Ever-Changing Earth," October 9-15.

Students, geologists, and the general public are encouraged to enter this year's Earth Science Week photography contest, "A World of Change in My Community." Use your camera to capture the evidence of the long- or short-term changes taking place around our planet and even in your own neighborhood.

Students in grades K-5 are eligible to enter the visual arts contest, "Picturing our Ever-Changing Earth." Create a two-dimensional piece of artwork to illustrate the various ways air, water, land, and living things change over time.

The essay contest, "How Change Shapes our Planet," is open to any student in grades 6-9. In a brief essay, explain how interactions between Earth's systems can change our world over time. Discuss the processes used to study these changes and how human life can be affected by geologic transformation.

For more information on these annual contests, including guidelines, deadlines, and information on how to correctly submit your entry, please visit http://www.earthscienceweek.org/contests/

Earth Science Week is organized annually by AGI with support from U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, ExxonMobil, ESRI, and others. To learn more about Earth Science Week, please go to http://www.earthscienceweek.org/

The American Geological Institute is a nonprofit federation of 60 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.
National Fossil Day

Celebrate National Fossil Day – October 12, 2011

Special Film
Come and watch the film “When Dinosaurs Roamed America’s National Parks”

Learn about and see some fossils in Alaska with one of our rangers.

• Find out about Fossil Collecting and Artifact Hunting
• Discover Dinosaurs in Alaska

Teachers
Check out our Dinosaur Kit for your class or one of our other hands-on educational kits.

National Fossil Day is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.
Earth Science Week Starts Oct. 9

"Our Changing Earth" is the theme of Earth Science Week 2011, which is an annual event that promotes scientific understanding of our planet.

Among the events are three national contests, including:

- Grade K-5 students creating artwork illustrating the various ways air, water, land and living things change over time.
- Essays by grades 6-9 students on how interactions between Earth's systems can change our world over time.
- A photography contest for all students, geologists and the general public on "A World of Change in My Community"—capturing photo evidence of the long- or short-term changes taking place around our planet, even in neighborhoods.

The ESW program, launched by the American Geophysical Union in 1988, encourages a "grass roots" effort for the geosciences community to publicize the event, distribute teaching materials and provide guidance for those interested in participating in ESW.

Earth Science Week is organized annually by AIG with support from the AAPG Foundation, the U.S. Geological Survey, NASA, the U.S. National Park Service, ExxonMobil, EBRI and others.
American Association of Petroleum Geologists (AAPG) on Twitter
http://twitter.com/#!/aapg
American Institute of Professional Geologists (AIPG)
http://www.aipg.org/Education/EarthScienceWeek.html

OUR EVER-CHANGING EARTH - THE 2011 EARTH SCIENCE WEEK THEME

Alexandria, VA - The American Geological Institute (AGI) is pleased to announce the theme of Earth Science Week 2011 will be “Our Ever-Changing Earth.” This year’s event will engage the public in actively learning about the varied and interconnected natural processes that shape our planet over time.

Earth Science Week 2011 support materials and activities will demonstrate how evidence of change can be found everywhere, from the soil beneath our feet to the oceans and the atmosphere around us. Learn how the fossil record displays the history of change in plant and animal life. The evidence of change touches our lives in many ways, as we see in headlines about topics such as resource availability, evolution, and climate.

“Planetary change raises important questions among young people, educators, and the public,” says Ann E. Benbow, Ph.D., AGI’s Director of Education and Outreach. “Earth Science Week 2011 will highlight the important roles that paleontologists, geologists, and other earth scientists play in building understanding of the complex interactions among the earth systems - atmosphere, hydrosphere, geosphere, and biosphere - over time.”

AGI leads Earth Science Week annually in cooperation with its sponsors and the geosciences community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAGP Foundation, the U.S. Department of Energy, NASA, the National Park Service, ExxonMobil, and ESRI.

ESW 2011 will be celebrated October 9-15. To learn more about this week and ways to get involved - including newsletters, local events, and classroom activities - please go to the Earth Science Week website at http://www.earthsciweek.org/.
American Museum of Natural History
http://www.amnh.org/education/school_groups/program.php?id=560

National Fossil Day and Earth Science Week Celebration

Join us for two special events for school groups in celebration of Earth Science Week. During National Fossil Day, hands-on investigations will help students understand how studying fossils gives us a better understanding about the history of life, past climates, and ancient landscapes. During Earth Science Week Celebration, students have an opportunity to explore one of the most outstanding collections of geological specimens ever displayed and gain an understanding of the methods scientists use to study Earth systems.

National Fossil Day Tuesday, October 11, 2011: 10:00am-12:00pm, Grand Gallery

Earth Science Week Celebration, Thursday, October 13, 2011: 10:00am-12:00pm, Gottesman Hall of Planet Earth

Note: While you must pre-register your group in order to visit the museum, no reservations for the special National Fossil Day activities are accepted; all offerings are first-come, first-served.

Regulations:
You must register as a regular school group. Please visit Plan Your Visit for Details.
Funding Opportunities
9/9/2011

The following grants and funding opportunities are currently accepting applications. These grants are not offered through America’s Promise Alliance, but they each relate to our Five Promises. If you have questions about these opportunities, please follow the links provided in each item.

2012 Lewis Hine Awards
The Lewis Hine Awards for Service to Children and Youth are presented to honor unheralded individuals for their volunteer or professional work on behalf of America’s children and youth. Recipients are selected by a panel of distinguished judges from the nominations provided by community leaders. Ten awards will be presented – five to paid professionals and five to unpaid volunteers. Each award carries the stipend of $1,000.
Deadline: September 30, 2011

AAG: A World of Change in My Community
The American Geophysical Institute is sponsoring a photography contest to celebrate Earth Science Week 2011. The photography theme for this year is “A World of Change in My Community.” Maximum award: $300, a copy of Alex’s Faces of Earth DVD, and the winner’s photograph on the Earth Science Week website. Eligibility: Interested residents of the United States of any age.
Deadline: October 14, 2011
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<td>Nov. 30, 2011</td>
<td><strong>DCAT Award</strong> - Recognizes excellence in a science program that impacts the lives of students in</td>
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<td>grades 6 to 12. $2,500 plus trip to National Science Teacher convention.</td>
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<td><strong>Free Resource</strong></td>
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<td><strong>ConocoPhillips Company</strong> free educational videos and guides on math science, and more</td>
<td><a href="http://www.teachingtools.com/EVPages/index.aspx">http://www.teachingtools.com/EVPages/index.aspx</a></td>
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<td><strong>Earthquake Posters and Information</strong> Free resources for K to teachers. Available posters include</td>
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<td>Earthquake, Exploring the Earth Using Seismology, and History of Seismology. Free whitepaper that</td>
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<td>presents 5 tips to maximize the educational value of their posters.</td>
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<td>My Community*. The winner will receive $300, a copy of <em>Faces of Earth</em> DVD, and his or her</td>
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Answerpot.com

Science Archive

Answerpot is a bulletin board system that supports community-driven discussion and provides an online archive. If you are looking for more members to join your discussion on the Submit Your List or Contact Us pages, we will help promote your list. You can also search our archives using the Search feature.

Popular Threads From Science:

- IPv6: More Winning
- Rocket Launch
- We Are Accepting Applications for 21st Annual Award in Excellence in Earth Science Teaching
- VPs (Other)
- Autonomous Spacecraft

List Statistics

- Total Threads: 185
- Total Posts: 150

Science member

OUR EVER-CHANGING EARTH - THE 2011 EARTH SCIENCE WEEK THEME

POP IMMEDIATE RELEASE

Contact: Geoff Camerer

Alexandra, VA - The American Geological Institute (AGI) is pleased to announce the theme of Earth Science Week 2011 will be "Our Ever-Changing Earth." This year's event will engage the public in actively learning about the varied and interconnected natural processes that shape our planet's surface.

Earth Science Week 2011 support materials and activities will demonstrate the evidence of change all around us, from the pole-bound arctic tundra to the oceans and the atmosphere around us. Learn how Earth's processes interact and how changes in the past can be inferred from today's environment. The evidence of change is abundant everywhere, from the deep sea to the high mountains and across the entire planet.

"The theme chosen raises important questions about our planet, our place in the cosmos, and the potential for human interaction with the natural world," said Dr. John F. Delano, AGI's Director of Education and Outreach. "Earth Science Week 2011 will highlight the interconnected role that volcanologists, geophysicists, and other earth scientists play in building understanding of the complex interactions between the earth's surface-water, atmosphere, hydrosphere, geosphere, and biosphere — now more than ever than before.

AGI and Earth Science Week annually is cosponsoring with its sponsors and the procenoomics community essays on the public's role in explaining our planet's future. Earth Science Week will host the prominent event science program and diverse interactive programs at the Earth Science Week is supported by the U.S. Geological Survey, the NASA, the U.S. Department of Energy, the U.S. Department of Agriculture, and IBM.

Earth Science Week 2011 will be celebrated October 1-7. To learn more about this week and ways to get involved — including science-related, book-related, and other science-related — please go to the Earth Science Week website at http://www.earthscienceweek.org

The American Geological Institute is composed of 43 scientific and professional associations that represent more than 120,000 professional, geoscience-related, and other societally. Founded in 1945, AGI provides a valuable service to its members, serves as a focus of shared interests in the profession, and serves a role in strengthening geoscience education, and science to business public awareness of the science...
Did You Know: Today Is National Fossil Day
by Hale Conrad Oct 12th, 2011 at 12:07PM

Today marks the second annual National Fossil Day which is held during Earth Science Week.
AlA Table a Hit at Archaeology and Earth Science Day at the Cleveland Museum of Natural History

November 18, 2011

[Image of a vintage camera and tripod]

The Archaeological Institute of America (AIA) celebrated National Archaeology Day on November 18th at the Cleveland Museum of Natural History (CMNH). The event was a huge hit, drawing hundreds of visitors of all ages to explore the fascinating world of archaeology.

The day was filled with a variety of activities, including talks by experts, hands-on workshops, and guided tours. Visitors had the opportunity to learn about the latest research in archaeology, discover how to conduct fieldwork, and meet archaeologists from around the country.

The AIA staff was on hand to answer questions and provide information about careers in archaeology. There were also demonstrations of archaeological techniques, such as excavation and artifact analysis.

The CMNH, which houses a vast collection of natural history specimens, also featured exhibits related to ancient cultures and civilizations. The museum’s knowledgeable staff guided visitors through the exhibits and explained the significance of the artifacts on display.

National Archaeology Day is an annual event that promotes public awareness of the importance of archaeology and the role it plays in shaping our understanding of human history. The AIA encourages communities to organize events and activities to celebrate the day.

For more information about National Archaeology Day and the AIA, visit www.archaeological.org.
Arizona (AZ) Geological Survey
http://twitter.com/#!/AZGeology/statuses/78914365180477440

Don’t miss any updates from AZ Geological Survey
Get your account on Twitter today to stay up-to-date with what interests you!
Sign up »

@AZGeology
AZ Geological Survey


9 Jun via web
ArtsinOhio.com
http://www.artsinohio.com/event/earth-science-week-fossil-tour

Event

Earth Science Week Fossil Tour

Presented by: Ohio Statehouse

Friday, October 14, 2011 (12:00 pm - 1:00 pm)

The Public of Earth Science!

October 14, 2011, Noon

Ohio Statehouse, Broad St., High Streets downtown Columbus
Map Room, Ground Floor of Statehouse

Free!

Join us for Earth Science Week and a Statehouse Fossils Tour—a geology tour of the Statehouse. Ohio State University experts will discuss the 'Building Stones of Capital Square.' For more information, visit www.earthscieweek.org. To reserve a free spot, call 614 267-2697.

PRICE
FREE

VENUE
Ohio Statehouse
Statehouse
Columbus, OH 43215
http://www.ohiostatehouse.org

Share This Event!
Visit Website
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Add to Calendar

Viewed 143 times
Last updated May 5, 2011

Tags: Visual Arts, Child Friendly, Special Events, History, Science, Venuex
Earth sciences videos earth earth science science channel

Earth science, the earth sciences, geoscience and planetary science are all-embracing terms for the sciences related to the planet Earth. Earth is arguably a special case Earth sciences (also known as geoscience, the geosciences or Earth Science) is an all Earth sciences on Wiktionary Earth sciences on Wikipedia Commons: News The crusts of Earth, our Moon, Mercury, Venus, Mars, Io accessdate=2009-12-14 http://www.channel4.com/science http://news.bbc.co.uk/1/hi/sci /tech/7539024.stm.

Learn about cutting edge technology, scientific discoveries, space, engineering, earth science basics, and more with science videos & news from Science Channel. Check out these Earth Sciences Videos from Science Channel. Earth science research and news. Read science articles on air quality archives for related news topics, the latest news stories, reference articles, science videos.

Check out these Earth Sciences Videos from Science Channel. If Earth became uninhabitable, where would humans live? In Eroded Earth, physicist and host Dr. Basil Singer eagerly plays the role of human guinea pig to Scientists use radioactive decay to measure the age of the Earth. Learn more about our world in this video.

Video Link: The Changing Earth The videos that we have used in Dale Seymour Publications An Event-Based Science 60 minutes ISBN 1-57870-161-5 • The Weather Channel To purchase copies of our videos and professor of planetary science in the department of Earth and planetary sciences at Project Earth Science: Geology National Students can pretend they are reporters for a TV or radio weather channel This lesson plan addresses the following national standards: • Science: Earth and Space Sciences

Earth Science Week

2011: "Our Ever-Changing Earth" AGI invites you to take part in Earth Science Week 2011! Being held October 9-15, Earth Science Week 2011 will encourage people ...
Association of Earth Science Editors on Twitter
http://twitter.com/#!/AESERocks
To celebrate International Earth Science Week (9-15 October 2011) and to raise awareness of the wonderful world of all things geologic, the Australian Museum is holding a drawing competition – Geology rocks!

The competition is open to amateur illustrators and has four entry categories:

- Infants
- Primary
- Secondary
- Open (18 years and over)

Focus on a geologic theme (see suggestions below) and send us your best drawing by **Friday 9th September 2011**. Each drawing must be accompanied by a fee ($15 per school or $15 per open category entrant) and an entry form that includes a title and approximately 20 words describing the drawing and how it relates to geology.

**Prizes**

- Each category winner will receive a $50 voucher from the Australian Museum Shop.
- Highly Commended awards will each receive a family pass to the Australian Museum.
BeingEcoNow.com
National Fossil Day - Celebrating Earth Science Week

Wednesday, October 12, 2011

The National Park Service and the American Geological Institute are partnering to host the first National Fossil Day on October 12, 2011 during Earth Science Week. National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.

Join the Harvard Museum of Natural History for a variety of hands-on activities with fossils including the amazing prehistoric world of trilobites, dinosaurs, Ice Age mammals, and other creatures. Discover how fossils form and investigate fossilized bones, teeth, claws, and footprints. Fossil Day is offered as part of Earth Science Week, encouraging people everywhere to explore the natural world and learn about the geosciences.

Location:
Harvard Museum of Natural History
26 Oxford St.
Cambridge, MA 02138

Sponsor(s): Harvard Museum of Natural History
Time(s): 1:00pm-5:00pm
Cost: Free with museum admission.
Phone: 617.495.3045
Email: hmnh@oeb.harvard.edu
Website: http://www.hmnh.harvard.edu/lectures_and_special_events/index.php#national

Date Added: Tuesday, August 16, 2011
All information is subject to change.
National Fossil Day - Celebrating Earth Science Week

Event Date(s): 12 October 2011

Event Venue
Harvard Museum of Natural History
26 Oxford Street, Cambridge, Massachusetts, MA, 02138, United States, US, USA

Description
The National Park Service and the American Geological Institute are partnering to host the first National Fossil Day on October 12, 2011 during Earth Science Week. National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.

Join the Harvard Museum of Natural History for a variety of hands-on activities with fossils including the amazing prehistoric world of dinosaurs, ancestors, Ice Age mammals, and other creatures. Discover how fossils form and investigate fossilized bones, teeth, claws, and footprints. Fossil Day is offered as part of Earth Science Week, encouraging people everywhere to explore the natural world and learn about the geosciences. Free with museum admission.

The museum is on the Harvard University campus, just a short, 7-10 minute walk through historic Harvard Yard from the Harvard Square MBTA Red Line "T" line station. Open daily, 9 am - 5 pm, 361 days/year. Handicapped accessible. Explore www.harvard.edu for changing exhibits, dozens of lectures, events, classes for all ages, year-round. Admission $10 adult, $7 seniors/students, $6 age 3-18.

Tags
things to do in boston in october 2011 | boston attractions october 2011 | boston shows october 2011 | boston events october 2011 | boston events calendar october 2011
Canon Envirotthon on Twitter
https://twitter.com/#!/CanonEnvirotthon/status/123407499603873792
The Earth Rocks!!! A Celebration of Earth Science Week

The 6th annual Earth Rocks!!! science field day for 4th- and 5th graders will be here sooner than you think! Once again, we’ll offer hands-on activities, exhibits, and guided tours to introduce and reinforce important basic concepts in geology, biology, energy, and earth science. All activities are designed around TEKS/STAR guidelines to improve understanding and retention and to support science teachers’ lesson plans.

October 13 9 AM–2 PM
$7.50 per child

Register your class with Jessica Glasscock at 432-364-2499 or education@cdri.org today. Limited to 300 students.
Today is the 2nd annual observance of National Fossil Day. Be sure to check out the official website for lists of events and activities taking place near you, with the biggest event on the National Mall in Washington, D.C.

Please join in the activities and have fun!
Cleveland Museum of Natural History

Earth Science and Archaeology Day
Saturday, October 22, 2011
10 am to 4 pm
Join us for a day of discovery as part of Ohio Archaeology Month and national Earth Science Week. Come learn about the fascinating worlds of these sciences and related careers. Meet Museum curators and staff members of Museum-associated societies such as the Cleveland Geological Society and the Micromineral Society, as well as representatives from the Cleveland Archeological Society and local universities.
See how tools are chipped from stone, and try primitive technologies such as atlatl throwing, cordage making and pump drilling. Bring in up to six of your artifacts, fossils, minerals, and rocks for identification. Check out exhibits of archaeological and geological specimens.
Participate in family friendly, hands-on activities in the Smead Discovery Center. Dig through the Museum Store for related books, educational toys, games, clothing and other finds. There will be something for the whole family!
Free with Museum admission.
C&C Kids Facebook
September 19, 2011

C&C Kids - West Lebanon, NH
Did you know that it’s Earth Science Week? Check out the Earth Science website for contests, projects, photos and more!

Earth Science Week
www.earthsiceweek.org
Earth Science Week 2011 will be celebrated from October 9-15, with the theme "Our Ever-Changing Earth." During Earth Science Week, we hope that you will choose to get involved.
Delaware National Estuarine Research Reserve (DNERR) Facebook
https://twitter.com/#!/DNERR

@earthsciweek
Earth Science Week

#Earth #Science Week #essay, #visual arts, and #photo #contest entries due Friday (earthsciweek.org/contests).

11 Oct via web  Favorite  Reply  Delete

Retweeted by DNERR
EARTH SCIENCE WEEK ACTIVITIES
October 9-15, 2011
Join us for some earth shaking fun in celebration of Earth Science Week

**Fossil Tour – “To Earth That Was” October 9, 2011**
This region was once a vast ocean with a rich variety of invertebrates. These trilobites, gastropods, bivalves and coral have become fossilized and are there for the finding! Learn how to identify and start your own collection of these fossils. Call Geb Bennett, the Museum’s paleontologist to reserve your spot today! (540) 722-1010

**Down to Earth Discount**
Field trip programs on fossils, rocks or Star Lab will receive a $50 discount per student during Earth Science Week. These programs are content rich, hands on fun and meet Virginia standards of learning.

**Museum Compass Hunt**
With compass in hand, you’ll follow the directional clues that lead you through the museum to a successful arrival at the point of destination.
Dnatube.com
http://www.dnatube.com/video/7340/Titel-NASA--Earth-Science-Week--How-is-the-
Global-Earth-360pH264-AAC
Dnatube.com
Dnatube.com
Dnatube.com
Dr. Gavin Schmidt on YouTube
NASA Goddard Institute for Space Studies
http://www.youtube.com/watch?v=eUroSkQ52gc
Earth Science Week 2011

October 9-15 is Earth Science Week (www.earthsowekweek.org). Every year, Earth Science Week encourages students and the public to explore the natural world around them and learn about the geosciences. This year’s theme is Our Ever-Changing Earth. Humans depend on the Earth for many resources – air, water, food, fuel, trees, metals – but we often forget about one of the most important natural resources: soil. Just like water and air, soil is an important and limited resource. Consider this:

- 75 percent of the Earth is covered in water – oceans, lakes, rivers and streams.
- 25 percent is dry land area, but half of that is desert, swamp, polar and mountainous regions where conditions are too hot, too cold or too high in elevation to be productive.
- Of the remaining area (about 12 percent), nine percent is too flood-prone, too poor-quality or too hot for food production. The remaining three percent represents the area of Earth developed by humans. Just a small fraction of this area is made up of soil that we depend on for food and other uses.

Viewer Tip: Scientists estimate that we are losing soils 10 to 40 times faster than they can be replaced – 65 percent of soils are washed into our rivers, streams and lakes where they can decrease channel depth, increase potential for flooding and threaten aquatic wildlife habitat. You can help control erosion at home by using mulch to cover garden beds and other areas of exposed soil. Planting ground-cover plants or small shrubs will also help stabilize soil.

(Sources: Oklahoma Cooperative Extension Service, Division of Agriculture Sciences and Natural Resources; In cooperation with Oklahoma Department of Agriculture, Food and Forestry and Oklahoma Department of Education. "Ag in the Classroom: How Much Soil is There?" http://www.celok.org/about-ag/earth-science-week-2011/pdf/oklahomanationalmuseumofnaturalhistory_lifeinthecoalfieldsofoklahoma.pdf. "Watershed Tips." npk.gov/soil)
Happy @EarthSciWeek! Learn more at www.earthsciweek.org. #environment #climate #geoscience

Mentioned in this Tweet

earthsciweek Earth Science Week
An event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth.

Retweeted by andru_007_
Today is #NoChildLeftInside Day! Help young people to learn #earth #science outdoors. For a free #NCLI guide, see earthsciweek.org/ncli/index.html.
eGenio Education Solutions Twitter
https://twitter.com/#!/eGenio/status/123396124949221376

Happy @EarthSciWeek! Free #k12 lesson plans to help #students discover "Our Ever Changing Earth" bit.ly/pUX2qI #scichat

Mentioned in this Tweet

earthsciweek Earth Science Week
An event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth.
Earth Science Classroom Activities

By Trisha Denve, eHow Contributor
updated: February 17, 2011

Each child in Kindergarten through the 12th grade learns some level of earth science. Allow students to become a part of the lesson by feeling various types of rock, investigating and presenting experiments to classmates, and researching different terrains. Encourage each student to take an active role in his learning.

Volcanoes

Using a world map, the class of students can take turns plotting well-known volcanoes with pushpins on the bulletin board. Ask students to describe any tendencies in the locations of the volcanoes; they are usually set on tectonic plates. As a follow-up activity, students may draw a picture and research one volcano or make an artistic replica with sculpting clay. The students, either individually or in groups, may present their findings as an oral report.

Birdseed Mining

In a few shallow pans, combine wild bird seed mix with a few colored plastic
Elsenaju.com
http://www.elsenaju.com/?searchItem=earthscienceweek2011
Environmental Education in Alabama
http://eeinalabama.org/net/calendar/details.aspx?s=96903.0.0.37934&c=3533267

National Fossil Day
Wednesday, Oct 12, 2011

The National Park Service and the American Geological Institute are collaborating to kick off the 2nd annual National Fossil Day during Earth Science Week 2011. You and your students can participate in events and activities taking place across the country at parks, in classrooms and online.

Do you know what fossils can tell you about climate change? Why do paleontologists protect the locations where fossils are found? National Fossil Day resources and activities can help you answer these questions, celebrating the scientific and educational value of fossils, paleontology, and the importance of preserving fossils for future generations.

Event Link: http://www.nature.nps.gov/geology/nationalfossilday/
No Child Left Inside Day
Wednesday, Oct 12, 2011

"No Child Left Inside" (NCLI) Day is an event that engages hundreds of students in outdoor learning activities. It is celebrated annually on the Tuesday of each Earth Science Week.

The NCLI Day Guide provides everything you need to start planning your own NCLI Day event. The free guide provides 10 outdoor activities you can organize to help students discover Earth science in their own neighborhoods. Also included are recommendations for creating partnerships, planning logistics, reaching out to the local media, and following up in the classroom.

More Information
Environmental Education in Georgia
http://eeingeorgia.org/net/calendar/details.aspx?ran=815835489&eventid=50464&s=5046 4.0.68.4863

Earth Science Week

The American Geological Institute (AGI) invites you to take part in Earth Science Week, encouraging people everywhere to explore the natural world and learn about the geosciences.

“Exploring Energy,” the theme of Earth Science Week, will engage young people and the public in learning about Earth’s energy resources.

AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth.
Earth Science Week 2011: Essay Contest

Who can enter?
The essay contest is open to any interested person in grades 6-9. You must be a resident of the United States to enter.

What is the subject of the essay?
Your essay should focus on the topic “How Change Shapes Our Planet.”

Write a brief essay explaining how interactions among Earth systems - geosphere, hydrosphere, atmosphere, and biosphere - change our planet over time. How do people gather evidence of change and study its effects? How are humans’ lives affected by these changes? What role do people play in the processes of change on our planet?

How long should the essay be?
The essay must be no more than 300 words. Longer essays will be rejected unread.

What do I need to submit?
A valid submission will contain the following information:

1. A typed essay of no more than 300 words, focusing on the topic “How Change Shapes Our Planet.” Each essay must be original, authentic, unpublished, the sole property of the entrant, and not previously submitted in any other contest.

2. Your personal information, printed at the top of the essay:
Family name (as it appears on your entry form)
Mailing address
Phone number
E-mail address
Environmental Education in Mississippi
http://eeinmississippi.org/net/location/proximity.aspx?city=Santa+Rosa&p=79386&s=79386.0.0.37931

Earth Explore Foundation
The Earth Explore Foundation sponsors environmental education programs to Alaska, Hawaii, California and the Rockies. (more details)
http://www.eartheexplore.com

Upcoming Events
2011 International Year of Forests
Now until Saturday, Dec. 31, 2011
The United Nations General Assembly has declared 2011 International Year of Forests to raise awareness of sustainable management, conservation and sustainable development of all types of forests.

No Child Left Inside Day
Wednesday, Oct. 12, 2011
“No Child Left Inside” Day is an annual event that engages hundreds of students in outdoor learning activities. It is celebrated on the Tuesday of Earth Science Week.

NAAEE 40th Annual Conference
Wednesday, Oct. 12, 2011 until Saturday, Oct. 15, 2011

National Fossil Day
Wednesday, Oct. 12, 2011
The National Park Service and the American Geological Institute are collaborating to kick off the 2nd annual National Fossil Day during Earth Science Week 2011. You and your students can participate in events and activities taking place across the country at parks, in classrooms and online.
Earth Science Week Toolkit

Orders are now being taken for 2011 Earth Science Week Toolkits. Order soon to ensure that you are among the first to receive these exciting educational resources. The kit contains everything you need to prepare for Earth Science Week (October 9-15, 2011), which celebrates the theme, “Our Ever-Changing Earth.”

Kits are $6.95 each (includes library rate shipping and handling in the U.S. for orders of individual kits and all online orders). The Earth Science Week 2011 Toolkit includes:

- A 12-month school-year activity calendar, suitable for hanging
- The new Earth Science Week poster, including a learning activity
- American Chemical Society global water experiment materials
- National Park Service items on fossils, air, and geologic heritage
- NASA education resources examining Earth from space
- A poster on earthquakes and seismology from IRIS
- A GIS-in-science education resource from ESRI
- A poster by SPE on renewable and nonrenewable energy
- A genuine field notebook from Rite in the Rain
- Educational material from the U.S. Fish and Wildlife Service
- A USGS poster on the bicentennial of the New Madrid quake
- Activity sheets from the Association for Women Geoscientists
- Brochures; bookmarks; fact sheets; postcards; and more

Toolkits will ship in August 2011. After kits are available for shipment in early August, please allow 2-3 weeks for delivery by Library Rate. Faster shipping available for additional cost. Bulk discounts available for orders of 10 or more.
Earth Science Week 2011: Essay Contest

Who can enter?
The essay contest is open to any interested person in grades 6-9. You must be a resident of the United States to enter.

What is the subject of the essay?
Your essay should focus on the topic “How Changes Shapes Our Planet.”

Write a brief essay explaining how interactions among Earth systems—geosphere, hydrosphere, atmosphere, and biosphere—change our planet over time. How do people gather evidence of change and study its effects? How are human’s lives affected by these changes? What role do people play in the process of change on our planet?

How long should the essay be?
The essay must be no more than 300 words. Longer essays will be rejected unread.

What do I need to submit?
A valid submission will contain the following information:

1. A typed essay of no more than 300 words, focusing on the topic “How Changes Shapes Our Planet.” Each essay must be original, authentic, unpublished, the sole property of the entrant, and not previously submitted in any other contest.

2. Your personal information, printed at the top of the essay:
First and last name (as it appears on your entry form)
Mailing address
Phone number
E-mail address
Word count of essay
No Child Left Inside Day

“No Child Left Inside” (NCLI) Day is an event that engages hundreds of students in outdoor learning activities. It is celebrated annually on the Tuesday of each Earth Science Week.

The NCLI Day Guide provides everything you need to start planning your own NCLI Day event. The free guide provides 10 outdoor activities you can organize to help students discover Earth science in their own neighborhoods. Also included are recommendations for creating partnerships, planning logistics, reaching out to the local media, and following up in the classroom.

More Information
Environmental Education Outreach Program on Yahoo Groups
http://groups.yahoo.com/group/eeop-l/message/2053

Earth Science Week 2011 Contest Themes Announced

Manuel G. Nielson
Program Coordinator
TRIBAL ENVIRONMENTAL EDUCATION OUTREACH (TEEO)
99-209-4275
Manual.Nielson@...

Fwd: Earth Science Week 2011 Contest Themes Announced
From: David Welch <d_ton__@...>
Date: July 11, 2011 17:50:06 AM PDT
To: <science@...>, ycon@...<...@...>

Subject: Earth Science Week 2011 Contest Themes Announced

EARTH SCIENCE WEEK 2011 CONTEST THEMES ANNOUNCED

For Immediate Release
Contact: Geoff Campsflower gac@...


Students, geologists, and the general public are encouraged to enter this year's Earth Science Week photography contest, "A World of Change in My Community." Use your camera to capture the evidence of the long- or short-term changes taking place around our planet and even in your own neighborhood.

Students in grades 3-5 are eligible to enter the visual arts contest, "Picturing our Ever-Changing Earth." Create a two-dimensional piece of artwork to illustrate the various ways air, water, land, and living things change over time.

The essay contest, "How Change Shapes Our Planet," is open to any student in grades 6-12. In a brief essay, explain how interactions between Earth's systems can change our world over time. Discuss the processes used to study these changes and how human life can be affected by geologic transformation.
Environmental Education Outreach Program on Yahoo Groups
http://groups.yahoo.com/group/eeop-l/message/2053

From: Style Webb "webb692"<br>
Date: July 21, 2011 2:09:50 PM PDT<br>
To: "webb692"@yahoo.com<br>
Subject: Earth Science Week 2011 Contest Themes Announced

EARTH SCIENCE WEEK 2011 CONTEST THEMES ANNOUNCED

For Immediate Release
Contact: Geoff Cumplair (202) 937-4887


Students, geologists, and the general public are encouraged to enter this year’s Earth Science Week photography contest, "A World of Change in My Community." Use your camera to capture the evidence of the long- or short-term change taking place around your planet and draw in your own neighborhood.

Students in grades 3-5 are eligible to enter the visual arts contest, "Painting our Ever-Changing Earth." Create a two-dimensional piece of artwork to illustrate the various ways air, water, soil, and living things change over time.

The essay contest, "Our Changing Planet," is open to any student in grades 6-9. In a brief essay, explain how interactions between Earth systems can change our world. Format the process used to study these changes and how human life can be affected by geologic transformation.
Esri
http://edcommunity.esri.com/cesw/

2011 Earth Science Week: Our Ever-Changing Earth

On our ever-changing Earth, conditions may change quickly or slowly. Some changes come from natural processes, some from human activity. Satellites allow us to see conditions and track changes over time — in land use, forest health, land/water interface, and so on. Since 1972, Landsat satellites have been collecting data, using various portions of the visible and invisible electromagnetic spectrum, at a scale close enough to see highways, but not individual buildings on a city block. Assigning different colors to different combinations of wavelengths allows us to see particular patterns more clearly.

Geographic Information Systems (GIS) technology allows us to match locations, integrate data, conduct analyses, and show change from place to place or time to time. These tools allow us to monitor vegetation health, such as identifying areas of drought stress or insect damage. We can find changes in land use, such as expansion of urban areas into what was farmland or even desert. Climate change can be seen in the retreat of glaciers, or even shifts in coastlines of low-lying regions. By combining imagery data with other layers of information such as roads, population, or land ownership, GIS allows us to see trends and develop strategies for addressing issues.

Geoscientists, foresters, water managers, and others in countless careers use GIS and its integrative nature to study and cope with issues of change. You can, too.

Curriculum:
- Explore Change Matters and GIS curriculum at ArcGIS
  - ChangeMatters: Mount St. Helens
  - Exploring 10 Landscapes w/ArcGIS Explorer Online
  - Explore how change matters at the blog
National Fossil Day - Celebrating Earth Science Week
Oct 12, 2011 9:00 am - 5:00 pm | Wednesday

Venue
Harvard Museum of Natural History
28 Oxford Street
Cambridge, MA 02138
Map

Details
The National Park Service and the American Geological Institute are partnering to host the first National Fossil Day on October 12, 2011 during Earth Science Week. National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value. Join the Harvard Museum of Natural History for a variety of hands-on activities with fossils including the amazing prehistoric world. Click here. Read more...
Earth Science Week and National Fossil Day at Grand Canyon National Park

Earth Science Week is October 9 to October 15 in 2011, and promotes sciences such as paleontology and geology. The Grand Canyon National Park is running special educational programs during Earth Science Week, including some for National Fossil Day on October 12.

Goals for both events include teaching visitors (the care and feeding (all right, protection) of fossils and increasing interest and appreciation for earth sciences. Throughout Earth Science Week, Grand Canyon National Park will run daily Fossil Walks, starting behind the Bright Angel Lodge at 10:00 a.m. Walks to an exposed fossil bed will take you about half an mile and last approximately an hour.

If you're staying at one of the national park's campgrounds, there'll also be evening, ranger-led programs. Earth Science Week programs start at 7:00 p.m. in the Shrine of the Ages Amphitheater. Among these programs last about an hour and...
ExperienceColumbus.com
http://www.experiencecolumbus.com/event-detail.cfm?id=29107

Earth Science Week Fossil Tour
Dates: October 14, 2011
Location: Ohio Statehouse
Hours: Friday noon-1 p.m.
Admission: Free
Address: 80 W市场价格 St., Columbus, 43215
Phone: 614-752-9787
Website: www.ohiostatehouse.org

Join us for Earth Science Week and a Statehouse Fossils Tour, a geology tour of the Statehouse. Ohio State University experts will discuss the Building Stones of Capitol Square.

Please note: Information for the calendar of events is gathered from multiple community sources. Experience Columbus is not responsible for the accuracy and content of information. Times, dates and locations are subject to change.
Explore Your World with Mrs. Alford Blog

Earth Science Week of Sept. 26
September 25, 2011

Students – you will need to use the link below for your Internet Investigation (How Are Landforms Represented on Flat Maps?) on Monday and Tuesday:

http://www.classzone.com/books/earth_science/terp/content/investigations/ea0303/ea030307aead01.dfm

Study for your Chapter 2 vocabulary quiz coming up Friday/Monday!

Both comments and trackbacks are currently closed.
National Fossil Day -- Celebrating Earth Science Week

by Jill on OCTOBER 2, 2011 in EDUCATIONAL EVENT, LITTLE KIDS

Join Harvard Museum of Natural History for a variety of hands-on activities with fossils. Explore the amazing prehistoric world of fossils including trilobites, dinosaurs, Ice Age mammals, and other creatures. Discover how fossils form and investigate fossilized bones, teeth, claws, and footprints. Fossil Day is offered by The National Park Service and the American Geological Institute to encourage people everywhere to explore the natural world and learn about the geosciences. Free with museum admission.


Date: Wednesday, October 12, 2011

Time: 11:00-3:00 pm

Cost: $7-9
Flickr.com
http://www.flickr.com/groups/earthscienceweek2011/
Title: No Child Left Inside Day - Event & Activity Guides

Description of Resource: No Child Left Inside (NCLI) Day is part of a larger event called "Earth Science Week", a week long event held each October that is hosted by the American Geological Institute. The purpose of Earth Science Week is to educate people of all ages about earth sciences and to raise awareness of the natural world in which we live.

NCLI Day occurs on the Tuesday of Earth Science Week each year. The purpose of NCLI Day is to educate students grades K-12 about earth sciences and get them out of the classroom and into the natural environment. The event encourages hands-on exploration of the environment where students live and learn.

Students are encouraged to explore, write, and create nature-inspired art.

Author/Producer: The American Geological Institute (AGI)

Topic Areas Covered: Ten earth science-based activities are located on the NCLI Day event guide website and cover topics including: astronomy, soil science, weather observation, water quality, paleontology, cartography, and geology. All activity guides can be adapted/adopted to suit educator's needs.

Type of Resource: Event Planning Guide & Activity Guide

For Grade Levels: K-12
Publication Date: N/A
Length: N/A

Cost: N/A

Is it Available for Loan: No
Is Training Necessary: No

Language: English

Educational or Informational: Educational

Recommended Enhancements to Accompany This Resource: Supplement a number of teaching materials dealing with a range of earth science topics.
FunOutside.org
http://funoutside.org/localnci/227-npldgrants.html

Grants and Awards

Green Thumb Challenge - Application deadline September 30
The Green Thumb Challenge from the Green Education Foundation (GEF) aims to connect children with nature and the healthy benefits of gardening. GEF provides schools and youth groups with beginner-friendly resources to plant gardens of any size, in addition to fun activities and standards-based lessons linking the classroom to the garden. All participants have the opportunity to be awarded a $2,000 grant in recognition of their garden project.

Toshiba America Foundation Grants for Grades K-6 - Application deadline October 1
Toshiba America Foundation offers grants of up to $1,000 to support innovative projects designed by math and science teachers to make their classrooms more exciting and successful for students. Any K-6 teacher in a public or private school is eligible. Proposed projects must advance the teacher’s science and math teaching units. Learn more.

America’s Home Energy Challenge - Submission deadline December 31
America’s Home Energy Challenge is designed to teach students in grades 3-8 about energy, its use and the link between saving energy and energy. Sponsored by the U.S. Department of Energy and administered by the National Science Teachers Association, the Challenge aims to enhance and extend existing energy-focused programs. Design specific home energy-saving tips and make materials that support the learning of science and energy available to schools. Participating schools compete for more than $200,000 in prizes distributed at the national and regional levels of the competition.

Earth Science Week Contests 2011 - Entry deadline October 14
The Earth Science Week 2011 contests include a photography contest, a visual arts contest, and an essay contest. Learn more at the Earth Science Week website about each of these contests, featuring the themes “A World of Change in My Community,” “Inducing Our Ever-Changing Earth,” and “How Change Shapes Our Planet.” The winners of each contest will receive $200 and a copy of the American Geophysical Institute's Focus of the Earth DVD.
GARDENABCS

HOW-TO GUIDES

These guides will give you plenty of insights to start and maintain your garden project, from what to grow to maintenance tips:

- Read Anne's five tips for starting a garden with children, below, or
- View more handy guides from experts across the country.

5 Tips for Starting a Veggie Garden with Little Ones

Here are five easy tips to keep in mind when starting a garden with children, whether at home, school or other school program.

No experience necessary. You don’t have to be a “gardener” to garden with children. Don’t let being a “green thumb” hold you back. This is a wonderful opportunity to learn alongside your child. You may be surprised what you learn from her.

A Guide for Organizing Your Outdoor Earth Science Event

Sponsored by the American Geological Institute

This guide provides tips on planning an event, organizing educational activities, and reaching out to news media for those who want to organize their own No Child Left Inside Day. Any day can be NCLD Day for young people and educators!
Earth Science Week 2011: "Our Ever-Changing Earth"

AGI has announced that the theme of Earth Science Week 2011 will be: "Our Ever-Changing Earth." Earth Science Week events will be October 9-15, 2011. The event will engage young people and the public in learning about the natural processes that shape our planet over time. Quoted from the Earth Science Week announcement, Visit the [...]
Geo2all.com Geoscience Forum
May 16, 2011

Earth Science Week Newsletter – May, 2011


got…
The Earth Science Week Newsletter for June is posted on the web. The topics include: * Contests Add Fun, Learning to Earth Science Week 2011 * Encourage Your Students to Be Junior Paleontologists * Earth Science Week Kit Available for Pre-Order * Webinar Looks at Careers in Minerals Exploration * Professional Development Available From NCTA [...]
Thursday, 22 September 2011

Geobulletin

News from the Geoblogosphere

by @geoblog

GPR used to discover Roman gladiator school in Austria

GPR (Ground Penetrating Radar) was used to map the remains of a Roman gladiator school about 40km east of Vienna, Austria. The test is named ‘polextraction’ compared to the Lukius Magnus - the largest of the gladiatorial training schools in Rome. This facility contained sleeping cells, a fighting area, a training hall with heated floors, administrative buildings and a cemetery. (Source: M.V. Online: Image AP-Austria)

ASCE: Initial Curing of Concrete Test Specimens in the Field - Who is Responsible for What?

In ASCE Practice Note 53, their Construction Materials Engineering and Testing Committee looked at changes in ACI Standard 310-10. Specification for Structural Concrete related to the initial curing of concrete test specimens in the field. The new language is ambiguous as to who is responsible for what, creating a potential for claims and disputes. The document provides suggestions for concrete consultants to avoid these issues. It is available for free to ASCE members. (Source: ASCE Weekly)

Which Excel 2010 chart types to use, and which to avoid

As engineers and geologists, we frequently use charts to communicate data, but which chart types are the best at communicating data, and which ones should be avoided? This is one Excel charting expert.

Earth Science Week Newsletter for September

The new Earth Science Week newsletter is ready! It can help you get ready for the celebration on October 9-15, 2011! It includes the topics below and more… Earth Science Week 2011 Coming Soon! (Get it)

Moon Shadows on the JR

A fantastic image ($24.95) recommended post! (1 vote)

Image of Four Moons Obliterating Saturn

A fantastic image ($21.95) recommended post! (1 vote)

Top concepts:

California Climate Changes
Daily Geology Photos Earthquakes
Geology News Organizing
Paleontology Sand Dune
Ski Week Similar Posts
Thanksgiving cheap wedding dresses
dinosaur dresses explains flickr
dune geology-related

2-113
Monday, 10 October 2011

Geobloggers for DonorsChoose: Jacqueline Gill

Lindy, We know you have a knack for getting people involved in things like DonorsChoose. But, the annual drive to provide much-needed educational resources to US school teachers through DonorsChoose is already around the corner! We’d love to hear your take on this year’s drive. Continue reading.

Earth Science Week: It's Official in Oregon

Sean Echols (2011-10-06 15:36:09) (6 comments) [Link]

WHEREAS, Geology and the other earth sciences are fundamental to the safety, health, and welfare of Oregonians and to the economy of Oregon, and WHEREAS, the earth sciences are integral to locating, developing, and conserving mineral, energy, and water resources... Continue reading.

A Geology Lesson from a Chocolate Bar

About Geology (2011-10-06 15:36:09) (6 comments) [Link]

Today marks the beginning of Earth Science Week, when geologists around the country will be offering their lessons and insights to the public. My contribution to the occasion is based on something I read on a chocolate bar wrapper. It gripped me with innocent wonderment, then with appreciation for the approach that geologists take to things they see. I hope that “Rocky Roadside Geology” will give you something to remember, and maybe arouse a hunger for excelent chocolate too. Read More...

Kick Off Earth Science Week with Wild Planet Day, Saturday October 8

Sean Echols (2011-10-06 15:36:09) (6 comments) [Link]

WHEREAS, For any Modesto area readers... Earth Science Week starts on October 9 and runs through October 15 and lots of activities will be taking place all over the country. Here in Modesto you have a chance to get a jump on the festivities by attending a great science event at Modesto Junior College tomorrow on October 8. In addition to all of the wildlife related events (see the press release below),

Earth Science Week: October 9th – 15th

About Geology (2011-10-06 15:36:09) (6 comments) [Link]

Earth Science Week begins on Sunday. Visit their website to learn all about Earth Science Week activities that will interest...
Geobulletin.org
December 13, 2011

Tuesday, 13 December 2011

Posts treating: "earth science"

Earth Science Books for Kids
Geology.com (2011-12-17 13:44:48) Tags: earth science

This is a great time to introduce kids to earth science with age-appropriate books. The geology.com store has children’s books on topics that include: dinosaurs, rocks, minerals, fossils, gemstones, volcanoes and more.

Earth Science Field and Laboratory Tech Positions at Santa Barbara City College
EarthScience (2011-12-17 17:21:41) Tags: earth science

Cross-posted from Teaching the Earth Sciences, the NAUT-4HS Blog. ... There have not been many openings posted for geology/earth science positions in the California Community College system in the last few months, but an interesting one just cropped my desk. For an Earth Science Laboratory and Field Technician post at Santa Barbara City College (SBCC) is a nice place to work. I was there...

Earth and Planetary Science Lab Field Tech Position at Santa Barbara City College
Teaching the Earth Sciences (2011-12-17 17:33:08) Tags: earth science

There have not been many openings posted for geology/earth science positions in the California Community College system in the last few months, but an interesting one just cropped my desk. For an Earth Science Laboratory and Field Technician post at Santa Barbara City College (SBCC) is a nice place to work. I was there from 1994-98, and their earth science program is excellent. If you are a grad student in the geological sciences, and enjoy organizing and conducting...

Earth Science at the Grand Canyon
Central Arizona Geology Club (2011-10-02 19:58:00) Tags: earth science

Earth Science week at the Canyon October 9-11 Grand Canyon National Park - Grand Canyon National Park to Celebrate Earth Science Week (U.S. National Parks
Geological Society of London
http://www.geolsoc.org.uk/gsl/pid/10552;jsessionid=2E89426FDB98BBA34F17F0EDE84EA40

Earth Science Week 2011
Back to October 2011 issue

Education Officer Jo Mears has news of a forthcoming major new outreach initiative for 2011

Geoscientist 21.09 October 2011

Building on the established success of Earth Science Week, which has been run by the American Geological Institute for a number of years, the Geological Society – in collaboration with other UK partners and AGI – is organising the UK’s first Earth Science Week from 10 October.

A number of activities will be taking place during that week to highlight Earth sciences and promote related events and activities being organised by others – so everyone will have the opportunity to get involved. “Poetry Day”, hosted by The Society, takes place on Monday 10 October, and, with FESGB, we shall be running a schools poster competition on “The Story of Oil”. We also hope to be able to teach a few (who don’t already know) how to get into Geocaching. Earth Science Week 2011 will be the start of something big, and we welcome any input.

During the week we will also be running a daily blog, posting online lesson plans, highlighting careers in Earth science, organising free lectures for schools and Friends, providing online virtual learning kits, and offering the chance to download a phone app via the Science Council’s ‘Hidden Science’ initiative (which will be Earth Science based during October). In addition there will be region and school-specific activities; so take a look at our calendar of events to see what’s on near you.
Earth Science Week day 3: what on Earth is geocaching?

Earth Science Week is a great opportunity to explore the geology in your area – especially as we’re experiencing some unseasonably good weather!

A great way to do this is by ‘geocaching’ (pronounced geo-kash-ing). A growing hobby in the US, here in the UK, geocaching is still fairly unknown. Let me explain – or take a look at this video to see some experts in action...
Geological Society of London Blog
http://blog.geolsoc.org.uk/2011/10/13/earth-science-week-day-4-hidden-science-phone-app/

Geological Society of London blog

Earth Science Week day 4: Hidden Science Phone App

Ever wondered why natural disasters happen? Or been frustrated by a flight cancelled by volcanic ash clouds? Earth science affects our lives in all kinds of ways, throwing up a lot of questions along the way.

This month, to coincide with Earth Science Week, the Science Council’s Hidden Science mobile phone app is Earth science themed! The app can be found within the ‘To some good’ app, and allows users to submit questions which are answered directly by scientists.
Award for Excellence in K-8 Earth Science Teaching

December 21, 2010 | American Geological Institute

*January 5 is the deadline for applications for the 2011 Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching, offered by AGI and the AGI Foundation. Each year, this award recognizes one full-time U.S. teacher from kindergarten to eighth grade for leadership and innovation in Earth science education.* Quoted from the Earth Science Week Newsletter.

Related Stories

Earth Science Teaching Award

April 4, 2009 | American Geological Institute

The American Geological Institute (AGI) and the AGI Foundation once again are...
Earth Science Week 2011: “Our Ever-Changing Earth”
February 1, 2011 | Earth Science Week

AGI has announced that the theme of Earth Science Week 2011 will be: "Our Ever-Changing Earth." Earth Science Week events will be October 9-15, 2011. The event will engage young people and the public in learning about the natural processes that shape our planet over time. Quoted from the Earth Science Week announcement. Visit the Earth Science Week website at http://www.earthsciweek.org/
Earth Science Literacy Initiative
February 3, 2011 | Earth Science Literacy Initiative

To know Earth science, what do you need to know? The Earth Science Literacy Initiative (ESLI), funded by the National Science Foundation, has gathered and codified the underlying understandings of Earth sciences into a short brochure. The guide outlines the “big ideas” and supporting concepts all Americans should know about Earth science. Get their free guide at http://www.earthscienceliteracy.org/.

This information supplied by Earth Science Week.
Earth Science Week Theme: “Our Ever-Changing Earth”
February 17, 2011 | American Geological Institute

"The American Geological Institute (AGI) is pleased to announce the theme of Earth Science Week 2011 will be "Our Ever-Changing Earth." This year’s event will engage the public in actively learning about the varied and interconnected natural processes that shape our planet over time." Quoted from the AGI press release.
Geology.com News
February 24, 2011
Earth Science Week Newsletter: April, 2011
April 26, 2011 | Earth Science Week

The Earth Science Week Newsletter for April, 2011 is now available. Topics include:

- Earth Science Education Kits on Sale for $5 Each
- SPE's Energy4me Sparks Energy Education
- Take Part in Testing World's Water Supply
- Plant a SEED of Earth Science Learning
- 'Life Geology' Magnifies Earth Science for Students
- Web site Monitors 'Pulse' of Earth Science Education
- NASA and NSTA Offer Science Web Seminars
- NRC8 Offers Resources for Soil Education
Earth Science Week Newsletter – May, 2011
May 16, 2011 | Earth Science Week

The Earth Science Week Newsletter for May is posted on the web. The topics include:

* Earth Science Week 2011 Toolkit: Pre-Order Now!
* NASA's Online Training Targets Science Teachers
* Get Ready Now for National Fossil Day 2011
* Ponder Paleontology Through PRT's Resources
* Make Connections With Earth Science Organizations
* Help NESTA Gauge Needs in Earth Science Education
* Online Videos Depict 'Faces of Climate Change'
* Become a Proud Sponsor of Earth Science Week

Go To Today's News
Video: Monitoring a Changing Climate
June 16, 2011 | Penn State Public Broadcasting

Earth scientists use geospatial technology to monitor changes in the Earth's climate over time. Video from "Geospatial Revolution" by Penn State Public Broadcasting.
Earth Science Week Newsletter – June, 2011

The Earth Science Week Newsletter for June is posted on the web. The topics include:

* Contests Add Fun, Learning to Earth Science Week 2011
* Encourage Your Students to Be Junior Paleontologists
* Earth Science Week Kit Available for Pre-Order
* Webinar Looks at Careers in Minerals Exploration
* Professional Development Available From NSTA
* EarthScope Speaker Series Explores Quakes, Eruptions
* Explore Geophysics During Earth Science Week 2011
Geology.com News
July 21, 2011

Earth Science Week Contests for 2011
July 21, 2011 | Earth Science Week

The American Geological Institute is sponsoring three national contests as part of Earth Science Week 2011, celebrating the theme of “Our Ever-Changing Earth,” October 9-15. Students in K-6 have a two-dimensional art contest, students in 6-9 an essay contest, and a photography contest for the general public.
Protect Your Ground Water Day
September 2, 2011 | National Ground Water Association

The National Ground Water Association has named September 13, 2011 as "Protect Your Ground Water Day". They have a list of simple ways to protect ground water on their website along with many other ground water topics.

From the Earth Science Week Newsletter
Free Earthquake Publications From FEMA
September 4, 2011 | FEMA

The U.S. Department of Homeland Security’s Federal Emergency Management Agency recently released several free earthquake education resources for all ages.

From the Earth Science Week Newsletter

Related Stories

Earth Science Week Newsletter
August 31, 2011 | Earth Science Week
The Earth Science Week Newsletter is available on the web. Topics...
EPA Climate Education Website
September 5, 2011 | EPA

The U.S. Environmental Protection Agency, an Earth Science Week partner, has a climate education website with content for students, teaching ideas for educators, and school program information for administrators.

Related Stories

Earth Science Week Update: February 2010
February 26, 2010 | Earth Science Week
A new Earth Science Week Update is posted on the earthsciweek.org website.

Improving Earth and Space Science Education
November 17, 2010 | Penn State Live
"Climate change, energy, natural resources and the health of planet Earth are..."

Earth Science Week Newsletter
August 31, 2011 | Earth Science Week
"The Earth Science Week Newsletter is available on the web. Topics..."
Earth Science Week Newsletter for September
September 22, 2011 | Earth Science Week

The new Earth Science Week newsletter is ready. It can help you get ready for the celebration on October 9-15, 2011. It includes the topics below and more...

* Earth Science Week 2011: Coming Soon. Get Ready!
* Under a Month Left to Enter Earth Science Week Contests!
* Change Education With an Earth Science Week Toolkit
* More Geoscience Resources in Spanish and English
* No Child Left Inside Day Comes to Your Area
* Visit DC's National Mall for National Fossil Day Event
* Women in the Geosciences Day Coming in October
* Shine a Media Spotlight on Your Great Activities
* NGWA Webinar Targets Women in Geoscience
* SMILE for Activities Online for Science Teachers
* London Event Marks Earth Science Week 2011
* How to Put Your Event on the Map — Online

Go To Today's News
Earth Science Week: October 9th – 15th!
October 6, 2011 | Earth Science Week

Earth Science Week begins on Sunday! Visit their website to learn all about Earth Science Week activities that will interest you.
Geology.com News
October 11, 2011

AGI Video: Why Earth Science?
October 11, 2011 | American Geosciences Institute YouTube Channel

"In Why Earth Science?, stunning video sequences and images illuminate the importance of knowing how Earth works and illustrate opportunities for careers in the Earth sciences." Quoted from the American Geosciences Institute video release.
Geology.com Twitter
https://twitter.com/#!/GeologyDotCom/status/123832616943230976

@GeologyDotCom
Geology.com News

AGI Video: Why Earth Science? goo.gl/fb/uAZXf | Geology.com

11 Oct via Google

Retweeted by frei_juli and 1 other
Geoscience Australia

Earth Science Week

What is Earth Science Week?
It is an international celebration, initiated and hosted by the American Geological Institute to promote the importance and relevance of earth science to society.

Geoscience Australia hosts Australia’s Earth Science Week and aligns activities with the international theme. Australia’s main celebration is the Geologi student short film competition and the Top Geoshot photographic competition.

What are the aims of Earth Science Week?
The objectives are to:
- provide students with new opportunities to discover the earth sciences
- highlight the contributions of earth science to our lives
- pass on the message that earth science is all around us
- encourage stewardship of the Earth through an understanding of earth science
- provide opportunities for geoscientists to share their knowledge and enthusiasm about Earth
- have fun!
Geoscience Australia

Earth Science Week 2011
(5-15 October)

National activities
Geological Short Film Competition - Closed
The Geological Short Film Competition 2011 is hosted by Geoscience Australia along with the Australian Science Teachers Association and invites all school aged groups, individuals or classes to submit an Earth science film based on the theme 'Geology and you' in one of three age divisions:
- Primary
- Years 7-10
- Years 11-12
Winners will be announced in a special ceremony at Geoscience Australia on Tuesday 11 October 2011.
For more information and tips about the Geologi Short Film Competition, go to Geological Short Film Competition 2011 or email education@ga.gov.au.

Top Geocacher Photographic Competition - Closed
Geoscience Australia is looking for a collection of Top Geocaches to display throughout Earth Science Week.
The image can be anything from an unusual formation, a link to our dynamic planet or even your favourite landscape. Be as creative as you like when choosing subject matter as Earth science is all around us and we interpret it differently. Go out there, explore and take an image that captures the essence of Earth science in Australia.
For more information, go to the Top Geocacher webpage. Email your entry to education@ga.gov.au by 29 September 2011 along with a completed entry form and you could see your image featured in Geoscience Australia's public layer in Canberra, throughout Earth Science Week.
Winning entries will be announced and displayed at Geoscience Australia throughout Earth Science Week and winners will receive a professionally framed enlargement of their image.
Geoscience World
http://twitter.com/#!/GeoScienceWorld
Our Ever-Changing Earth - The 2011 Earth Science Week Theme

The American Geological Institute (AGI) is pleased to announce the theme of Earth Science Week 2011 will be "Our Ever-Changing Earth." This year's event will engage the public in actively learning about the varied and interconnected natural processes that shape our planet over time.

Earth Science Week 2011 support materials and activities will demonstrate how evidence of change can be found everywhere, from the soil beneath our feet to the oceans and the atmosphere around us. Learn how the fossil record displays the history of change in plant and animal life. The evidence of change touches our lives in many ways, as we see in headlines about topics such as resource availability, evolution, and climate.

"Planetary change raises important questions among young people, educators, and the public," says Ann E. Benbow, Ph.D., AGI's Director of Education and Outreach. "Earth Science Week 2011 will highlight the important roles that paleontologists, geologists, and other earth scientists play in building understanding of the complex interactions among the earth systems — atmosphere, hydrosphere, geosphere, and biosphere — over time."

AGI leads Earth Science Week annually in cooperation with its sponsors and the geosciences community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, the U.S. Department of Energy, NASA, the National Park Service, ExxonMobil, and ESRI.
Geostuff's Twitter Status
http://twitter.com/#!/geostuff/statuses/63084744522477568

Earth Science Week Newsletter: April, 2011: The Earth Science Week Newsletter for April, 2011 is now available. ...

25 Apr via twitterfeed

Retweeted by Jo_Barnes and others
Kick Off Earth Science Week with Wild Planet Day, Saturday October 8

For any Modesto area readers...

Earth Science Week starts on October 8 and runs through October 15 and lots of activities will be taking place all over the country. Here in Modesto, you have a chance to get a jump on the festivities by attending a great science event at Modesto Junior College tomorrow on October 8. In addition to all the wildlife related events (see the press release below), the MJC Geology Club and Department will be
Prioritizing Preferable Locations for Increasing Urban Tree Canopy in New York City

Loeka, Daster; Groves, J.; Morgan, Lu; Jacqueline W.T.; Troy, Austin; O’Neil-Dunne, Judah P.M.; Beek, Brian.

This paper presents a set of Geographic Information System (GIS) methods for identifying and prioritizing tree planting sites in urban environments. It uses an analytical approach created by a University of Vermont service-learning class called “GIS Analysis of Cities and the Environment,” 3(1), 2010.

Theme of Earth Science Week 2011 Announced


The American Geological Institute is pleased to announce the theme of Earth Science Week 2011: “Our Ever-Changing Earth.” This event will engage young people and the public in learning about the natural processes that shape our planet over time. Earth Science Week 2011 materials and activities will show how evidence of change can be found everywhere, from the earth beneath our feet to the oceans and atmosphere around us.

URISA is Now Collecting Data for its Latest Salary Survey

URISA is now collecting data for its 2010-2011 Salary Survey for IT and GIS Professionals. Similar to the salary surveys from 2005 and 2007, the survey will provide current information related to salary and responsibilities by employer type, geographic location, and professional GIS experience. This year’s survey will also provide information on how department sizes have changed, how organizations are utilizing the latest technology, and professional certification.

The purpose for collecting this information is 2-145
Glaaw.com
http://earth.glaaw.com/when-is-earth-week.htm

When Is Earth Week

Breaking news on climate change, the environment and other aspects of Earth's natural history.
Read More

Related Guides
- Special Week For Earth
- Earth Science Week 2010
- Welcome To Earth Science Week 2009
- Earth Day And Week Celebrations: Events, Festivals
- Celebrate Earth Week By Following Green Tips For Apartment Dwellers
- Earth Science Week At Grand Canyon
- Challenge To Give
- Celebrate Earth Science Week With A Mineral
- Spacequakes Felt On Earth

What day does Earth Day fall on in 2011? When is Canada and the USA celebrate Day? Australia New Zealand
Read More

2011 "Our Even Changing Earth" AGL invites you to take part in Earth Science Week 2011! Being held October 9-15, 2011 will encourage people
Read More
Earth Science News Today
May 4th, 2011 by admin.

Earth Science News Today: Earth science, climate, climate change, geology, climate shift, ice sheet, glacier, ocean, oceanography, global warming, early climate, carbon dioxide, clouds, environmental, atmosphere, weather, oceans, water pollution, indoor air quality, air pollution, ecological, biodiversity, coral reef, stern, rain, earthqua, tsunami, volcano, hurricane, tornado, energy, renewable energy, ecology, air quality, air pollution, water pollution, rain forest, scientists, research, sciences, study, university, researchers, expedition, earth keywords related resources, links and photos coming from selected websites.

NASA: Electrical Problem Pushes Back Endeavor Launch Date; Again

Earth Science Week Newsletter: April, 2011 | Geology.com
Description: News about geology and earth science from around the world!...2010 | Earth Science Week 2010 | Exploring Energy, the theme of Earth Science Week 2010, will engage young...Earth Science Week Begins! October 10, 2010 | Earth Science Week Earth Science Week begins today, October 10th and continues through October 16...International EarthCache Day September 24, 2010 | Earth Science Week 'Earth Science Week begins again this year with International EarthCache Day on... http://geology.com/news/2011/e...
National Fossil Day events at Glen Canyon National Recreation Area

Page, AZ — The National Park Service and the American Geological Institute are once again partnering nationally to host the second annual National Fossil Day on October 15, 2011, as part of Earth Science Week. Locally, Glen Canyon National Recreation Area will celebrate National Fossil Day with public programs on October 8, 2011. National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.
Grand Valley State University on Facebook
https://www.facebook.com/grandvalley

GYSU Regional Math and Science Center via Earth Science Week
2011 is the International Year of Chemistry and this is Earth Science Week!
Today is "Chemistry and Our Earth Day". For educational activities and resources on
the connections between chemistry and geoscience, check out the American
Chemical Society site!

Earth Science Week
portal.acs.org

Like · Comment · Share · October 14 at 12:49pm
For Science Educators

Click here for Elementary Science specific resources (Resources Pk-6)

Below you will find a listing of workshops, graduate courses and other information for science teachers. Look for past and current participants' comments below the downloadable brochures or weblinks!

Earth Science Week 2011 Toolkits Available for Order

Earth Science Week 2011 will be celebrated October 9–15. To give you plenty of time to prepare, the American Geological Institute (AGI) is now accepting advance orders for the 2011 Earth Science Week Toolkit, which contains educational materials for all ages that correspond to this year's theme of "Our Ever-Changing Earth." The toolkit will be sent in August 2011.

The 2011 Earth Science Week Toolkit provides the traditional theme-related activity calendar and classroom activity poster published by AGI. It also features a variety of educational resources from program partners, including National Park Service resources on fossils and geology, a Rite in the Rain mini-notebook, and water experiment materials from the American Chemical Society.

Government agencies such as NASA, the U.S. Geological Survey, and the U.S. Fish and Wildlife Service have all contributed educational materials. Learn about fossils, geological heritage, Earth from space, the New Madrid earthquake, and much more in this year's extensive toolkit, filled with posters, brochures, bookmarks, fact sheets, postcards, and more.
Gt1987 Twitter
https://twitter.com/#!/gt1987/status/144554288256000001
Earth Science Week Update

Monday, March 28, 2011 17:00  Dave Steinkraus

Some Interesting Geological Insights
Vol. 9, No. 3: March 2011

IN THIS ISSUE
- Hot Activities Now for Earth Science Week 2011
- Earth Science Teaching Award Winner Announced
- Read New Plan to Ensure Your Child "Grows"!
- New NASA Offering: Target Earth Science
- Summer Science Camp Locations Announced
- See 100 Activities on Earth Learning Idea
- Earth Science Week: Fusion Science Video
- During FC 2011, Explore Chemistry of the Earth
- Environment Something to "Shout" About
- IC Festival WR: Follow Earth Science Week

Hot Activities Now for Earth Science Week 2011

Don't wait until fall to prepare for Earth Science Week 2011 (April 4-10). Now's the perfect time to plan your activities. Take this opportunity to make a wish list! How would you like your students to celebrate Earth Science Week?
Earth Science Week Update

American Geological Institute
Vol. 9, No. 4* April 2011

IN THE ISSUE
*Earth Science Week 2010 Highlights Now Online
*Earth Science Education Video on Sale for $10 each
*SR3: Educating Students About Education
*Take Part in Testing New K-12 Water Supply
*Have a SDD of Earth Science Learning
*Web site Transforms 'Pulse' of Earth Science Education
*NASA and METI: Other Science Web Seminars
*IPCE Offers Resources for Self Education

Last year's Earth Science Week celebration was a unique, unattached success. The program reached 44 million people overall. Individuals in all 50 states and over 100 countries participated. Nearly 10,000 people visited the program web site. New partners joined the effort, new resources were introduced, and news of the event was carried by outlets ranging from Wired and The Boston Globe to NBC and CBS.

To continually improve Earth Science Week, additional metrics the program's impact, expand new opportunities, and contribute to Independent evaluation. To view the full report on Earth Science Week 2010, please see http://www.earthsciweek.org/highlights/index.html.

Earth Science Education
K-12 on Sale for $10 Each

Earth Science Week participants know that the program provides educational tools perfect for leading instruction on key topics, from energy and climate to outdoor learning and geoscience careers. Four kits are now on sale for the next month:
Earth Science Week Update - July 2011

American Geophysical Institute
Vol. 9, No. 7, July 2011

IN THIS ISSUE:
* Don't Delay! Order Your Earth Science Week Toolkit
* Earth Science Week Begins with EarthCache Day
* New PDF Guide Ensures ‘No Child Left Inside’
* Pilot Notebook for Students Featured in Toolkit
* See Earth Science Week at Geoscientist Conferences
* Writing Geoscience/Media Impact on Students
* Check Out ReviewedEarth Science Week Sites
* Prepare for Third Annual Women in Geoscience Day
* Geoscience Mentor Focuses on Career for Women
* AIP Also to Educate Next-Generation Geologists

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Don't Delay! Order Your Earth Science Week Toolkit

Earth Science Week Toolkit: is available now! The kit contains everything you need to prepare for Earth Science Week (October 1-7), which celebrates the theme "Our Ever-Changing Earth."

To ensure that you are among the first to receive these exciting educational resources, order yours today. The Earth Science Week Toolkit includes:

* A 12-month school-year activity calendar, suitable for hanging
* The new Earth Science Week posters, including a learning activity
* American Geophysical Union global water precaution materials
* National Park Service hands-on fossil, etc., geoscience heritage
* Field education resource: examining Earth processes
* A poster on earthquakes and volcanoes from IRIS
* A BEAD resource, educational resource from ESM

HandsOntheLand.org Blog
July 21, 2011
Earth Science Week Update - Vol. 9, No. 8: August 2011

American Geological Institute

IN THIS ISSUE
* Save With a Bulk Order of Earth Science Week Toolkits
* Earth Science Week 2011 Content Expands Globally
* Show Artistic Talent in National Fossil Day Contest
* Find New Resources at National Fossil Day Online
* NOAA: Learn How to Protect Your Groundwater
* Geoparks Offer News, Info on Earth Science
* TERA Offers Resources on Earthquake Education
* New K-12 Framework Calls for Earth Science
* NRDC: Free Webinars Teacha Earth Science
* EDA: New Climate Resources for Teachers, Students

Save With a Bulk Order of Earth Science Week Toolkits

Thinking of buying multiple copies of the Earth Science Week 2011 Toolkit for local educators or organization members? Save money by placing a bulk order!

Get $16.75 kits for $5.70 each, 26-110 kits for $5.15 each, or over 100 kits for $5.05 each. At these prices, the savings add up. The 2011 kit (ordinarily $4.95 each) included:

* A 12-month school-year activity calendar suitable for hanging
* The new Earth Science Week posters, including a learning activity
* A “Big Ideas of Earth Science” DVD linked to online activities
* American Chemical Society global water engagement materials
* National Park Service home on fossils, ice and geologic heritage
* NRC education resource scoping Earth from space
* A poster on earthquakes and volcanoes from IRS
* A QS-2 science education resource from EDR
* A poster by DOE on renewable and nonrenewable energy

HandsOntheLand.org Blog
August 30, 2011
Earth Science Week Update - Vol. 9, No. 11: November 2011

Earth Science Week 2011: Worldwide Success

While figures are still being tallied, it is estimated that over 45 million people gained a new awareness of the geosciences through the 14th annual Earth Science Week (https://www.earthscience.org) last month. The event celebrated the theme “Your Ever-Changing Earth” by promoting scientific understanding of the way Earth systems—air, atmosphere, geosphere, hydrosphere, and biosphere—influence and interact with each other.

Events ranged from classes conducting playground science projects to activities at USGS field stations, NASA facilities, and National Parks. Students explored geoscience outdoors on its CHILD (Children Inspecting the Diverse Land) Day, October 11. Many of the Geoscience Days (October 11) enabled professional geoscientists to share the excitement of their career with young women. And the second annual National Food Day (October 5) reached millions with paleoecology activities and resources: https://www.nATUREiscool.org/foodday

If you conducted a special activity to celebrate Earth Science Week, please let us know. Your activity will be featured in the Earth Science Week 2011 Highlights Report, which will be posted online and used to help secure support for the program in the future. Email Information, news clips, and images to info@earthscience.org.

Earth Science Week Committee
Winner Announced
Harvard Museum of Natural History

http://www.hmnh.harvard.edu/kids-and-families/google-calendar.html

Lecture and Photographic Exhibition: Life in the Extreme Deep

When: Wed, October 12, 6:30pm – 8:30pm

Where: 26 Oxford Street, Cambridge, MA 02138 (map)

Description: The Gulf of Mexico oil spill 2010 was the largest accidental marine disaster in history, dumping nearly 5 million barrels into the ocean, causing extensive damage to marine and wildlife habitats, and to the Gulf's fishing and tourism industries. Peter Guglielmo, Lueb Associate Professor of Natural Sciences at Harvard, will discuss how biologists are working with environmental and industry officials to understand how natural "oil-eating" microbes are able to aid in the cleanup. Part of the Harvard 375th anniversary celebration.

A reception to follow in the museum's new photographic exhibition, Life in the Extreme Deep, a collection of deep-sea photographs by scientists who work in the field with Professor Guglielmo.

Admission: Members free; Nonmembers $10
Space is limited. Pre-registration recommended.
RSVP to members@oeb.harvard.edu or 617.495.0872.

more details → copy to my calendar →
Earth Science Week Toolkit

Orders are now being taken for 2011 Earth Science Week Toolkits. Order soon to ensure that you are among the first to receive these exciting educational resources. The kit contains everything you need to prepare for Earth Science Week (October 9-15, 2011), which celebrates the theme, “Our Ever-Changing Earth.”

Kits are $6.95 each (includes library rate shipping and handling in the U.S. for orders of individual kits and all online orders). The Earth Science Week 2011 Toolkit includes:

- A 12-month school-year activity calendar, suitable for hanging
- The new Earth Science Week poster, including a learning activity
- American Chemical Society global water experiment materials
- National Park Service items on fossils, air, and geologic heritage
- NASA education resources, examining Earth from space
- A poster on earthquakes and seismology from IRIS
- A GIS in-science education resource from ESRI
- A poster by SPE on renewable and non-renewable energy
- A puzzle fold notebook from Rete in the Rain
- Educational materials from the U.S. Fish and Wildlife Service
- A USGS poster on the bicentennial of the New Madrid quake
- Activity sheets from the Association for Women Geoscientists
- Brochures, bookmarks, fact sheets, postcards, and more

Toolkits will ship in August 2011. After kits are available for shipment in early August, please allow 2-3 weeks for delivery by Library Rate. Faster shipping available for additional cost. Bulk discounts available for orders of 10 or more.
Earth Science Week
HotChalk Blog - Science Blog by Shannon Cde Bac
Written by Shannon Cde Bac
Tuesday, October 11th 2011 01:58

As the leaves change and the weather turns cooler I am more aware of the need for kids to understand big ideas in earth science. That science is sometimes missing in secondary curricula but it could be the glue that connects all the other science disciplines. October 9th through the 15th is National Earth Science Week and there are some amazing resources to help you celebrate.

I am always looking for connections to big ideas. I tend to steer clear of activities and web sites that have a focus on a concept that has a small gain like. They simply do not have the power to instruct like big ideas. I looked at the Earth Science Week website and saw that they had nine big ideas named to organize their work. I chose that!

http://www.earthscienceweek.org/whatsnew/index.html
Looking Ahead-Earth Science Week 2011

We would like to thank all our volunteers, sponsors and participants for making our Earth Science Week activities a huge success this year. We look forward to seeing everyone again next October!

Mission Statement

Earth Science Week, observed annually in the United States, Canada and, increasingly, in other countries, is an opportunity to understand the impact of the earth sciences in our daily lives. The Houston Geological Society is honored to join in the celebration each year. As geologists, we hope to:

- Give people, particularly students, special opportunities to learn about the Earth sciences
- Increase awareness that Earth science is all around us
- Encourage stewardship of the Earth, and share our knowledge
- Enthusiasm about the Earth

This event provides a lot of opportunities for our membership to give back to the community and share our passion for science. If you would like to take part, we are looking for members who would like to join our committee. There are a lot of ways to get involved. Please contact the Earth Science Week committee chairs Martha McRae or Jennifer Burton if you have interest. Lastly, please tell your friends in the teaching community about us. Have them contact us to get on our mailing list so that they can take part in our activities.

Thank you to our sponsors!
Houston Geological Society (HGS)
http://www.hgs.org/earthscienceweek/

The HOUSTON GEOLOGICAL SOCIETY Celebrates EARTH SCIENCE WEEK 2011 “Our Ever-Changing Earth”

Information is updated and added frequently to this site. Come back and check out any activity before participating to catch the latest changes.

Annual Family Energy Festival - Houston Museum of Natural Science
Saturday, October 8, 11:00am - 3:00pm
We kick off the week with our annual Family Energy Festival at the Houston Museum of Natural Science’s Paleontology Hall and Wees Energy Hall. The festival will feature a passport program that takes you through hands-on demonstrations, special presentations, Boy Scout badge activities, and other great programs that broaden awareness of earth science.

2nd Annual Classroom Connections - Art, Essay, and Photography Contest
Help us take geology to the classroom! Each category has a topic related to the 2011 national Earth Science Week theme “Our Ever-Changing Earth”. The art contest is open to grades K-5 and the essay contest is open to grades 6-9. Persons of any age can participate in the Photography Contest. We will have a special award presentation to honor winners in all categories at the Consumer Energy Alliance Energy Day event on October 15. This event is co-sponsored by the Consumer Energy Alliance and the Houston Museum of Natural Science Energy Conservation Club. There will be cash awards for winners and their teachers! Please spread the word! All entries must be received by September 30th. Please direct questions to the ESW Contest committee at hgsesw2011@gmail.com.

For more information about detailed themes, guidelines, and rules, click here.

Consumer Energy Alliance “Energy Day” - Downtown Houston
Saturday, October 15, 11:00am – 5:00pm
Consumer Energy Alliance is hosting in partnership with the City of Houston called Energy Day. Energy Day is a public, family-friendly festival being held in Hermann Square and Tranquility Park in Downtown Houston, Texas. Geared toward K-12 students, Energy Day’s mission is to educate students and their families about energy by demonstrating energy innovation, technology, efficiency & conservation and the overall role of all forms of energy in meeting our current & future energy needs. The Energy Day website is http://www.energyday2011.org.
HGS will be sponsoring a hands-on activity at our booth and a field trip for the Energy Day celebration:

- Walking Downtown Building Stone Field Trip - this guided tour will show the various stonework of the nearby buildings. We will talk about the origin of the rocks that make up these buildings and the processes that formed the rock. A tour will leave about every two hours starting at 10am.
- At our covered booth, a hands-on activity from More! Rocks in Your Head workshop for teachers will demonstrate why hydrocarbons are considered a non-renewable resource.
2011 Art, Essay, and Photography Contest
Presented by the Houston Geological Society in celebration of National Earth Science Week
In collaboration with the Consumer Energy Alliance Energy Day
And the Houston Museum of Natural Science Energy Conservation Club

October 8-16, 2011
“Our Ever Changing Earth”

Energy is one of our most valuable natural resources.
We must understand the interactions of Earth’s systems in order to understand
how to use our resources responsibly.

Art contest: “Picturing Our Ever Changing Earth”
Grades K-5
Use artwork to show the ways in which the Earth’s air, water, land, and living things change over
time.

Essay Contest: “How Change Shapes Our Planet”
Grades 6-9
Discuss the interactions between Earth systems such as the geosphere, hydrosphere,
atmosphere, and biosphere. Consider these questions: What role do people play in these
processes? How are people affected by these processes? How do we collect data and study
these processes?

Media/Photography Contest: “A World of Change in My Community”
All Ages
How is your community influenced by long-term and short-term changes in Earth’s atmosphere,
hydrosphere, geosphere, or biosphere?

A printable version of this announcement and details about the festival can be found under
the Science Education/Earth Science Week tab at www.hgs.org
Curriculum resources for teachers and students can be found at www.earthsciweek.org
PLEASE NOTE: This is a local contest following the instructions outlined in this announcement.

ENTRY DEADLINE- Friday,
September 30, 2011
Submission rules and instructions on the next page.
Gifts and cash prizes will be awarded for
first, second, and third place entries in
each category.

Winners and teachers will be publically
recognized and receive their awards at the
Consumer Energy Alliance Energy Day on
October 15, 2011

Teachers! Send us an email and
we’ll save you an AGI teacher toolkit!
esw.hgs@gmail.com

Please tell us if you plan to pick up your kit at
the Family Energy Festival, Consumer
Energy Alliance Energy Day or the Houston
Geological Society office. Kits will be
available beginning in September.
14811 St. Marys Lane
Suite 250
Houston, TX 77079
Earth Science Week Presentation
2011 theme: Our ever-changing Earth

'From icehouse to greenhouse to icehouse:
what is “normal” in Earth’s climate?’

Dr. Silvia Frisia
Environmental and Climate Change Research Group
School of Environmental and Life Sciences,
The University of Newcastle

About the talk: We are all puzzled by conflicting information about the current climate change and its causes. There is a quality to the debate that shifts it from purely scientific to an issue of faith. One of the problems is the lack of communication about the Earth’s dramatic changes from predominant cold (icehouse) to predominant warm (greenhouse) climates that have punctuated its long history. We all know that a change in a few parameters, the first order controls of planetary climate, alter the proportion of perennial ice on the globe. These are: solar insolation, albedo, and atmospheric greenhouse gases. Today, most of the debate is on warming caused by greenhouse gases, and in particular the increasing concentration of carbon dioxide (CO₂) in the atmosphere from industrial emissions.

In the Neoproterozoic (800–600 Ma) there were severe glaciations with a very high CO₂ concentration in the atmosphere, more than two to three times today’s levels. So, why was the Earth glaciated? There are several hypotheses, such as reduced solar flux. Once the glaciation started, dramatic drops in sea level with little calcium carbonate formation resulted in no return of CO₂ to the atmosphere. The effect was a rapid, extreme glaciation. Obviously, there were other factors. For example all the continents were more or less united at about equatorial-tropical latitudes.

Now, things are very different. Looking at more recent times, the Earth transitioned from a warm climate, when CO₂ in the atmosphere reached 1200 ppm (Cretaceous), and dinosaurs were happily roaming about, to more general icehouse conditions. What happened? Some 50 to 30 million years ago, mountains emerged from the sea (plate tectonics), weathering sequestered CO₂ from the atmosphere and the Earth cooled.

In the very recent times (for us geologists), large ice sheets slowly built, possibly because of the effects of Earth’s orbit geometry, and then, in a matter of some 1000 years, they melted. And CO₂ in the atmosphere remained about 200 ppm. So what? Well, as humans, we are a ‘product’ of the Quaternary glaciations. Our biological system cannot cope with the Cretaceous levels of CO₂.

It is not any more a matter of what will happen to the planet, it will go on, as usual. We are simply bound to disappear, as geology teaches us: species die off. From the Earth’s perspective, it will be just another change. From our perspective, we are fools. However, some simple, daily actions may change foolishness into wisdom. It is up to us, to just change the way we eat, the way we reach our work etc. Geology teaches us humility and the courage to be actively part of Earth’s well-being.

About the speaker: Dr Silvia Frisia has a Master of Science in Earth Sciences from University of California (Berkeley), and a PhD in Geology (dolomite & dolomitization) from the University of Milano, Italy. She worked for three years at ENI, the Italian National Oil Exploration company in the oil in carbonates sector. Dr Frisia was head of the Continental Carbonate Research Group (paleoclimate) at Museo Tridentino di Scienze Naturali for ~15 years, and is currently a Senior Lecturer at the University of Newcastle. With over 50 publications, ranging from the Journal of Sedimentary Research, to Geochimica et Cosmochimica Acta, and one in Nature Geoscience as co-author, Dr Frisia has also contributed to more popular promotion of geoscience, including creating and bringing to realization the geology part of the exhibit ‘The Deluge’ (in 2000), that attracted 150,000 visitors.

Please RSVP by COB on Monday 10th October to phil.gilmore@industry.nsw.gov.au

HEDG is sponsored by the
Geological Survey of NSW
(Resources & Energy NSW) and the
Geological Society of Australia, Hunter Valley Branch
# National Fossil Day

**Date(s):** 10/12/2011  
**Time(s):** 9:00 AM - 5:00 PM  
**Description:** Come to the Illinois State Museum and help celebrate National Fossil Day. Organized by the National Park Service, this event promotes public awareness and stewardship of fossils, and fosters a greater appreciation of their scientific and educational values. Special programs will include fossil-related hands-on activities and crafts. Museum Docents will be available to answer your questions. Free and open to the public.

For more information: [Museum website](http://www.dnr.illinois.gov/calendar/Pages/NationalFossilDay2011.aspx)

- **Event Type:** Family Event; Indoor Event; Museum Event  
- **DNR Region(s):** 4  
  - **Location:** Illinois State Museum  
  - **Address:** 502 S. Spring Street  
  - **City, State ZIP:** Springfield IL 62706  
  - **Directions:** [Google map directions to Illinois State Museum](http://www.dnr.illinois.gov/calendar/Pages/NationalFossilDay2011.aspx)

**Contact person/email:** Elizabeth Baca / ebaca@museum.state.il.us  
**Phone/Fax:** 217-782-5993 /  
**Other Phone:**
Public Events -- Illinois State Museum, Springfield

National Fossil Day

- Location: Illinois State Museum, Springfield, Springfield
- Date: Wednesday, October 12, 2011, 9:00 AM - 5:00 PM

Free and Open to the Public

Come to the Illinois State Museum and help celebrate National Fossil Day. Organized by the National Park Service, this event promotes public awareness and stewardship of fossils, and fosters a greater appreciation of their scientific and educational values. Special programs will include fossil-related hands-on activities and crafts. Museum docents will be available to answer your questions. For more information, contact Elizabeth Bauman at obuzamuseum.state.il.us or (217) 782-8500.

For more events at Illinois State Museum, Springfield.
Illinois USGS Twitter
https://twitter.com/#!/earthsciweek/status/149161094601113601

@earthsciweek
Earth Science Week

Earth Science Teaching Prize Eligibility Expanded. Read more at agiweb.org/news/EdwardCRo...

23 hours ago via web Favorite Reply Delete

Retweeted by USGS_IL
Earth Science Week

Breaking news on climate change, the environment and other aspects of Earth's natural history.

Image Bank The Earth Science World Image Bank has photographs of all aspects of Earth Science available to the public, educators, and the ...
Selected Links - Our Geology Favorites

Books & Publications on Paleontology and Geology

Fossil Corals by Carl Rominger
Geological Survey of Michigan (1876)
Focuses on corals of Ordovician, Silurian and Devonian age,
primarily Michigan, Falls of the Ohio & Ontario

Fossil News
Periodical for amateur fossil collectors

Geology of Kentucky - McFarlan's Classic Book
Everything about Kentucky's geology from 1943

Kentucky Fossil Corals
An 1885 book of coral photos published by the Kentucky Geological Survey

National Fossil Day - October 12, 2011 (to be confirmed)
Inaugural in 2010 - organized by the National Park Service, it is part of
National Earth Science Week.

The American Geological Institute is pleased to announce the theme of Earth Science Week 2011: “Our Ever-Changing Earth.” This event will engage young people and the public in learning about the natural processes that shape our planet over time. Earth Science Week 2011 materials and activities will show how evidence of change can be found [...]

More...
Earth Science Week 2011 coming up!

The American Geological Institute (AGI) is sponsoring three national contests as part of Earth Science Week 2011, celebrating the theme of "Our Ever-Changing Earth," October 9-15.

Students, geologists, and the general public are encouraged to enter this year's Earth Science Week photography contest, "A World of Change in My Community." Use your camera to capture the evidence of the long- or short-term changes taking place around our planet and even in your own neighborhood.

Students in grades K-5 are eligible to enter the visual arts contest, "Picturing our Ever-Changing Earth." Create a two-dimensional piece of artwork to illustrate the various ways air, water, land, and living things change over time.

The essay contest, "How Change Shapes our Planet," is open to any student in grades 6-9. In a brief essay, explain how interactions between Earth’s systems can change our world over time. Discuss the processes used to study these change and how human life can be affected by geologic transformation.

For more information on these annual contests, including guidelines, deadlines, and information on how to correctly submit your entry, please visit http://www.earthsclitweek.org/contests/.
JOIDES Resolution Facebook
https://www.facebook.com/joidesresolution

JOIDES Resolution
Welcome to Earth Science Week! What are you doing to celebrate?! The JR is doing nine live ship-to-shore programs this week - to 4 states, 3 different countries, and stay tuned for an event that everyone will be able to participate in!

Earth Science Week
www.earthsciweek.org

Take part in Earth Science Week 2011! Held October 9-15, ESW 2011 encourages people everywhere to explore the natural world and learn about the geosciences. "Our Ever-Changing Earth," the theme of ESW 2011, engages young people and the public in learning about the natural processes that shape our pl...

Like · Comment · Share · October 10 at 11:35am · 3 people like this.

Write a comment...
The JR is doing 9 video broadcasts in honor of Earth Science Week 2011! Check out other happenings @earthsciweek.
guest blog from Wolfgang Bach, co-chief scientist: joidesresolution.org/node/2118 @earthsciweek #ESW11
Tag: "earth science"

Care and Feeding of Geology Teachers

Opening the eyes of geology/teachers to geology in everyday life helps open their students' eyes to fun. The coming events of Earth Science Week can do the same for the rest of us.

Post on Sep 22, 2011 by Andrew Iablonski from QUEST Northern California
NASA | Earth Science Week: Water, Water Everywhere!


Or get tweeted by NASA: twitter.com Water is all around us, and its importance to nearly every natural process on earth cannot be underestimated. The water cycle is the movement of water around the Earth in all its forms, from the ocean to the atmosphere, to snow, soil, aquifers, lakes, and streams on land, and ultimately back to the ocean. This video explains what the water cycle is and how important it is to life on earth.

Written by admin on January 31, 2011
Go @theJR! RT: The JR is doing 9 video broadcasts in honor of Earth Science Week 2011! Check out other happenings @earthsciweek.

Mentioned in this Tweet

The JR is an amazing ship that explores beneath the sea floor, taking core samples and measurements to give scientists a glimpse into Earth's past.
Lunar and Planetary Institute
http://www.lpi.usra.edu/education/resources/news/index.cfm

Resources

Earth Science Week 2011 Toolkit: Available for Order
Earth Science Week 2011 will be celebrated October 9–15. The American Geological Institute is now accepting advance orders for the 2011 Earth Science Week Toolkit, which contains educational materials for all ages that correspond to this year's theme of "Our Ever-Changing Earth." The toolkit will be sent in August 2011.

From Earth to the Solar System (FETSS)
FETSS is a collection of high resolution images that showcases the discoveries and excitement of planetary exploration, with a focus on the origin and evolution of the Solar System and the search for life. You are enthusiastically invited to download the materials and create and host an exhibit in your area.

The Universe at Your Fingertips 2 (U2F) and Activities
This DVD features 135 activities for teaching Astronomy (and much more) from the Astronomical Society of the Pacific. The DVD also includes topical guides, background articles, introductory astronomy images, and short videos with instructions for doing some of the most often-used activities.
Happy @EarthSciWeek! Learn more at www.earthsciweek.org. #environment #climate #geoscience RT @EarthGauge
Plan now how you will celebrate!
http://tinyurl.com/4vf6tw7
Bio soil crusts holding down dust storms despite drought

Geology.com News: Earth Science Week Newsletter – February 2011
The Earth Science Week Newsletter for February is posted on the web. A few of the many topics are: * Dig Into Earth Science Education With USGS * Earth Science Week at NSTA 2011 Conference * Energy Department Programs Empowering Teachers * Earth...
Two Years Ago Today: Butterflies and Caterpillars

Saraswat
The river Ghaggar which flows through the northeast Indian states of Haryana, Punjab and Rajasthan and onwards into Pakistan... on April 27 From GEOLOGY HAPPENS

History lesson turns to a chemistry lesson
A few weeks ago I described a snowshoe history field trip of the Red Mountain Mining District. This area took out millions of... on April 26 From GEOLOGY HAPPENS

Paleontologists enter the web period
After James Landell circulated 'An Open Letter in Support of Digital Data Archiving' via the paleonet list server, a quite co... on April 26 From STRATIGRAPHY.NET

Mapping Alluvium and Subflow of the San Pedro River
The purpose of these investigations is to document and map the extent of Holocene channel and floodplain alluvium associat... on April 27 From GEOLOGY.COM

Eruption at Bezymianny Volcano
Bezymianny Volcano erupted vigorously on the morning of April 14, 2011. This...
Wooster’s Fossil of the Week: A scleractinian coral (Middle Jurassic of Isr...}

In advance of my next field trip to Israel (watch this space!), our highlighted fossil this week is the scleractinian coral M... on May 15 From WOOSTER GEOLOGISTS

India Basin-Wise Shale Gas Estimates

Sometime back I had posted a graphic of Indian sedimentary basins and the potential of shale gas from these basins. Currently... on May 16 From RAPID UPLIFT

Earth Science Week Newsletter – May, 2011

The Earth Science Week Newsletter for May is posted on the web. The topics include: * Earth Science Week 2011 Toolkit: Pre-O... on May 16 From GEOLOGY.COM NEWS
McWane Science Center
http://www.mcwane.org/calendar_items/956-earth_science_week
Earth Science Week 2011 will be celebrated October 9 – 15. To give you plenty of time to prepare, the American Geological Institute (AGI) is now accepting advance orders for the 2011 Earth Science Week Toolkit, which contains educational materials for all ages that correspond to this year’s theme of “Our Ever-Changing Earth.” The toolkit will be sent in August 2011.

The 2011 Earth Science Week Toolkit provides the traditional theme-related activity calendar and classroom activity poster published by AGI. It also features a variety of educational resources from program partners, including National Park Service resources on fossils and geology, a Rita in the Rain mini-notebook, and water experiment materials from the American Chemical Society.

Government agencies such as NASA, the U.S. Geological Survey, and the U.S. Fish and Wildlife Service have all contributed educational materials. Learn about fossils, geological heritage, Earth from space, the New Madrid earthquake, and much more in this year’s extensive toolkit, filled with posters, brochures, bookmarks, fact sheets, postcards, and more.

AGI leads Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, ExxonMobil, and ESI.

To learn more about this week and to pre-order your 2011 Toolkit, please visit the Earth Science Week site at www.earthsciweek.org or the AGI Publications page. You may also call the AGI Publications department to place your order at 703-379-2480.
Grand Canyon National Park To Celebrate Earth Science Week

By Brad James
Published on September 29, 2011 at 12:00PM

(Grand Canyon National Park, Ariz.) Grand Canyon National Park will celebrate Earth Science Week and National Fossil Day by offering a variety of programs and events during the week of October 9-15. Earth Science Week promotes understanding and appreciation of the value of earth science research as well as its applications and relevance to the lives of Americans.

Among the events will be daily fossil walks every day at 10:00 a.m. MST (Arizona Time), while there will be evening programs at 7:00 p.m. nightly featuring rangers giving lectures on the Grand Canyon’s geological history, Grand Canyon rocks, caves and weather.

Grand Canyon Association, the official nonprofit partner of Grand Canyon National Park, will have a special sales promotion of 20 percent off of selected geology titles in their bookstores and online at www.grandcanyon.org. Proceeds from sales will benefit the educational, scientific, historical, and research efforts of the National Park Service.

For more information, please call 1-928-638-7923 or 1-928-638-7835.
Mike Workman Facebook Status
https://www.facebook.com/permalink.php?id=1828784452&story_fbid=293219027357388&notif_t=mention

Mike Workman
In 2011, October 12th has been declared National Fossil Day by the National Park Service and the American Geological Institute. This day is part of the Earth Science Week Celebration.

Earth Science Week:
Http://www.facebook.com/event.php?id=15641050747772

National Fossil Day
Wednesday, October 12 at 12:00am

Share · October 12 at 2:18pm ·
Take part in **Earth Science Week**

Earth Science Week 2011 will be celebrated from October 9-15, with the theme "Our Ever-Changing Earth." During Earth Science Week, we hope that you will bring some aspect of Earth Science into your classroom, and take your classroom outside! Your students will not only learn something new about the world around them, but will have fun discovering why Earth Science is important to society.
Dinosaur eggs to help MSU hatch another National Fossil Day

STARKVILLE, Miss -- The Dunn-Seller Geology Museum at Mississippi State will feature a dinosaur egg collection Wednesday (Oct. 12) as part of the second annual National Fossil Day observance.

Called "Fossil Extravaganza," the free 6:30-7:30 p.m. university event also involves tours and children's activities by museum staff and faculty, students, and others in the sponsoring geosciences department.

Located in Hibben Hall on the east side of campus, the museum is joining others throughout the nation as part of a larger recognition of Earth Science Week.

"National Fossil Day is a great way to learn about what was here before us," said museum director Renee Clary, an assistant professor of geology and geoscience education. "We're fortunate to be in Mississippi where a treasure trove of fossils lies right beneath our feet."

The Dunn-Seller Museum regularly features mineral and rock collections, meteorites and fossil displays to help visitors understand Earth's 4.6 billion-year history. A Triceratops skull replica, a crocodile skull from the Cretaceous period and many fossils from Mississippi and the Southeast are among popular items.

This year's event also will include fossilized dinosaur eggs found in southeastern Montana by earth and atmospheric sciences doctoral
Missouri Department of Natural Resources
http://www.dnr.mo.gov/geology/earthscienceweek2011.htm

Take Part in Earth Science Week 2011

"Our Ever-Changing Earth," the theme of Earth Science Week 2011, will engage young people and the public in learning about the natural processes that shape our planet overtime. During Earth Science Week, Oct. 9-15, the Department of Natural Resources will partner with the American Geological Institute and others to also remind people that Earth science is all around us, to encourage Earth stewardship through understanding and to motivate geoscistists to share their knowledge and enthusiasm about the Earth.

We will mark the 2nd Annual National Fossil Day during Earth Science Week Wednesday, October 12 with special exhibits in the Ed Clark Museum of Missouri Geology, located at our Geology and Land Survey building located at 111 Fairgrounds Road in Rolla.

Three national contests are slated for Earth Science Week: photography, visual arts, and essay contests. The contests will allow students and the general public to learn about earth science and compete for prizes. The National Fossil Day partners are sponsoring an art and photography contest to celebrate the second annual National Fossil Day. National Fossil Day is scheduled for Wednesday, October 12, 2011, during Earth Science Week. The theme for this contest is “Fossils in My Backyard.” Visit the National Fossil Day site for information about the National Fossil Day 2011 Art and Photography Contest and the events and activities. The National Park Service conserves a great diversity of ancient life preserved as fossils. Sketch by Tom Conant for NPS.

Visit the Earth Science Week website for photography, visual arts and essay contests, and events and activities.
Upcoming Events and Activities

Earth Science Week 2011
Take Part in Earth Science Week Oct. 9-15, 2011 -- Visitors to our museum on National Fossil Day, Wednesday, Oct. 12, 2011 will receive a small Crinoid stem fossil to add to their personal collections. Stop by and learn about the Crinoid, our official state fossil, about collecting Missouri fossils, and other interesting facts about the geology of Missouri. "Our Ever-Changing Earth," the theme of Earth Science Week 2011, will engage young people and the public in learning about the natural processes that shape our planet over time. During Earth Science Week, Oct. 9-15, we will partner with the American Geological Institute and others to also remind people that Earth science is all around us, to encourage Earth stewardship through understanding and to motivate geoscientists to share their knowledge and enthusiasm about the Earth.

Earthquake Insight Field Trip
Earthquake Insight Field Trip -- The seventh annual Earthquake Insight Field Trip is planned for November 2-4, 2011. The field trip will start and end in St. Louis. This event is hosted by the U.S. Geological Survey and is designed for non-scientists -- leaders and decision-makers in the private sector, infrastructure management, and government. The field-trip route will include earthquake-related sites in Missouri, Illinois and Indiana. Participants will learn about the earthquake history of the central U.S. and earthquake hazards in this area. The field trip will be led by geoscientists, engineers, and emergency planners who are active in current research and private state-of-the-practice. For more information or to register, please contact Phyllis Stockel at pstecke@charter.net or 636-298-4013.
Mp3mediafir3.com
Earth Science Week

2011 *Our Ever-Changing Earth* AGI invites you to take part in Earth Science Week 2011! Being held October 9-15, Earth Science Week 2011 will encourage people...

Read More »

Earth Science Week

Earth Science Week Contests 2011 2010 Contest Winners and Finalists Announced! Click here.

Read More »

Earth Science Week - Wikipedia, the free encyclopedia

What is Earth Science Week? Since October 1998, the American Geological Institute (AGI) has organized this national and international event to help the public gain a...

Read More »

Earth Science Week

What is Earth Science Week? Since October 1998, the American Geological Institute has organized this national and international event to help the public gain a...

Read More »

Earth Science Week

For Teachers. Earth Science Week 2011 will be celebrated from October 9-15, with the theme *Our Ever-Changing Earth * During Earth Science Week ...

Read More »

Earth Science Week | Facebook

In addition to the activities above, we have a classroom activity to accompany the USGS Global GIS CD-ROM found in the 2003 Earth Science Week Toolkit.

Read More »
Earth Science Week 2011

Take part in Earth Science Week 2011! Held October 9-15, ESW 2011 encourages people everywhere to explore the natural world and learn about the geosciences. "Our Ever-Changing Earth," the theme of ESW 2011, engages young people and the public in learning about the natural processes that shape our planet over time.
National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.

Kids!
Want to enter our coloring contest? All Grand Valley residents 6-14 are eligible. Download coloring sheets below.

- Coloring sheet for ages 3-7
- Coloring sheet for ages 8-14

Please note: All entries must be received by October 10; only one per child will be accepted.

A big thanks to our sponsors:

Colorful Baby

Explore • Learn • Protect
OCTOBER 12, 2011
NASA Education Express -- Oct. 6, 2011

[Image: NASA Education Express interface]

Check out the following NASA opportunities for the education community. Full descriptions are listed below.

**Celebrate Earth Science Week 2011**
Audience: All Educators and Students
Event Date: Oct 7-15, 2011

**Derivatives: Math and Science @ Work -- Space Shuttle Auxiliary Power Units Web Seminar**
Audience: Calculus Teachers and Informal Educators
Event Date: Oct 11, 2011

**Electrolysis of Water: Math and Science @ Work -- A Breath of Fresh Air Web Seminar**
Audience: 9-12 and Informal Educators
Event Date: Oct 12, 2011

**NASA Explorer Schools Live Video Chat: Honoring Hispanic Heritage -- Si se Puede: del Barrio Hasta la NASA**
Audience: 4-12 Educators and Students
Event Date: Oct 13, 2011, Noon - 1 p.m. EDT

**DEADLINE APPROACHING – NASA Endeavor Science Teaching Certificate Project: K-12 Educator Fellowships**
Audience: K-12 Educators
Deadline: Oct 31, 2011
NASA Earth Observatory YouTube
http://www.youtube.com/watch?v=37DfeIaYlgM&feature=youtube_gdata

Earth Science Week 2011: Web resources overview

This year’s Earth Science Week theme is “Our Ever-changing Earth.” Theresa Schwerin talks about additional NASA Earth Science resources and opportunities.
NASA Earth Observatory YouTube
http://www.youtube.com/watch?v=VKoinZYvYYE

This year's Earth Science Week theme is "Our Ever-changing Earth." Trina Farrell Branch identifies resources for educators, including NASA's Hurricane site, NASA's Earth Observatory, and the NFP mission's educator's guide.
NASA Earth Science Week Page
http://climate.nasa.gov/esw2011/

GLOBAL CLIMATE CHANGE
Vital Signs of the Planet

OCTOBER 9-15, 2011
EARTH SCIENCE WEEK

Resources for Educators and Students

The goal of Earth Science Week, conducted annually by the American Geophysical Union in partnership with NASA and other sponsors, is to encourage students, educators and the public to explore the natural world and learn about geosciences.

This year's theme is "Our Ever-Changing Earth," and NASA is offering a variety of multimedia products and educational activities designed to improve understanding of the natural processes that shape our planet over time.

Our Ever-Changing Earth: NASA's Power of Perspective

A special Web event with NASA's Chief Scientist
Oct. 12, 2011, 1-2 p.m. ET

Teachers and students are invited to join NASA's Chief Scientist, Waleed Abdalati, for this live webcast. Dr. Abdalati—on Earth science—will share his stories and perspectives on our ever-changing Earth. Participants will be able to email questions during this webcast. Participants will be able to interact with the guests LIVE on NASA's Digital Learning Network's DLNLive Channel at http://dln.nasa.gov/dln.

Learning Resources

Recommended websites and classroom activities that explore specific areas of inquiry related to Earth science.

Learning Resources List >

Data and Tools

Explore a collection of rich data visualization and image resources available from NASA.

Data and Tools >

Teachers: Do you find NASA's Earth Science Week activities useful? Please send us your comments.
Earth Science Week Video - "Water, Water Everywhere"

Water is all around us, and its importance to nearly every natural process on earth cannot be underestimated. The water cycle is the movement of water around the Earth in all its forms, from the ocean to the atmosphere, to snow, soil, aquifers, lakes, and streams on land, and ultimately back to the ocean. This video explains what the water cycle is and how important it is to life on earth.

URL: https://gcce.larc.nasa.gov/searchSeries/EarthScienceWeek.html
Resource Type: Videos

Climate Literacy:

- Climate Literacy Principle:
  - Sun Drives Earth System
  - Complex Interactions
- NSSE Standards:
  - Unifying Concepts and Processes
  - Earth and Space Science
- Grade Level:
  - K-4
  - 5-8
  - 9-12
Hydrological Sciences (617) Home

For further information, data, research, and other resources, see Hydrological Sciences Research.

Press Releases & Feature Stories

**“Your Earth” 2.0**
11.07.2010

“Your Earth” 2.0, a collaboration among 12 of NASA’s Earth science satellite missions, is focusing on the “on-the-go” and “smart technology” public in big cities.

**Earth Science Week 2011**
10.07.2011

Earth Science Week 2011 is “Your Ever-Changing Earth.” NASA offers a series of multimedia products and educational activities designed to improve understanding of the natural processes that shape our planet.

Overview

The Hydrological Sciences Laboratory examines the role of water in the Earth system. Laboratory researchers strive to better understand, quantify, and analyze the hydrological cycle and to measure hydrological processes in order to improve prediction of the response of global hydrology to anthropogenic and/or natural climate change.

Special emphasis is placed on land and surface hydrological processes and their interactions with the atmosphere. Laboratory scientists develop remote-sensing and modeling techniques to investigate how the various components of the hydrological cycle interact over a broad range of spatial
NASA Innovations in Climate Education
https://nice.larc.nasa.gov/?q=node/654

Earth Science Week Video - “Water, Water Everywhere”

Water is all around us, and its importance to nearly every natural process on Earth cannot be underestimated. The water cycle is the movement of water around the Earth in all its forms, from the ocean to the atmosphere, to snow, soil, aquifers, lakes, and streams on land, and ultimately back to the ocean. This video explains what the water cycle is and how important it is to life on Earth.

URL: [http://www.gpdx.nasa.gov/search/GtList/GtScienceWeek.html](http://www.gpdx.nasa.gov/search/GtList/GtScienceWeek.html)

Resource Type: Videos

- Climate Literacy
  - Climate Literacy Principle:
    - Sun Drives Earth System
    - Complex Interactions
    - NCEI Standards
    - Unifying Concepts and Processes
  - D - Earth and Space Science
  - Grade Level:
    - K - 4
    - 5 - 8
Earth Science Week: Our Changing World

Join classrooms across the nation in celebrating the annual Earth Science Week, an initiative begun by the American Geoscience Institute in 1998 to engage the public in gaining a better understanding of our planet. Below is a collection of NASA activities and resources fit for both informal and formal classroom settings supporting this year’s theme: “Our Ever-Changing Earth.”

NASA Celebrates Women in Earth Science

Join NASA in celebrating Earth Science Week by reading about a few of the women at NASA who are making a difference in the study of our home planet.

State of Flux: Images of Change

Each week, NASA’s Global Climate Change website features images of different locations on planet Earth, showing change over time periods ranging from centuries to days.

The American Geological Institute is pleased to announce the theme of Earth Science Week 2011: "Our Ever-Changing Earth." This event will engage young people and the public in learning about the natural processes that shape our planet over time. Earth Science Week 2011 materials and activities will show how evidence of change can be found everywhere, from the earth beneath our feet to the oceans and atmosphere around us.

Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, the AAPG Foundation, the U.S. Department of Energy, NASA, the National Park Service, Exxon Mobil, ESRI, and other major geoscience groups. To learn more, visit http://www.earthsnowek.org

This entry was posted in February 2011 Newsletter, Programs & Events, Upcoming Events. Bookmark the permalink.

The American Geological Institute is pleased to announce the theme of Earth Science Week 2011: "Our Ever-Changing Earth." This event will engage young people and the public in learning about the natural processes that shape our planet over time. Earth Science Week 2011 materials and activities will show how evidence of change can be found everywhere, from the earth beneath our feet to the oceans and atmospheres around us. Earth Science Week offers opportunities to discover the Earth science and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, the AAPG Foundation, the U.S. Department of Energy, NASA, the National Park Service, ExxonMobil, ESRI, and other major geoscience groups. To learn more, visit http://www.earthschweek.org.

This entry was posted in May 2011 Newsletter, Previously Broadcast Events, Programs & Events, Bookmark the permalink.
NASA Science Mission Directorate Events Page
May 25, 2011

Earth Science Week 2011 – Toolkits Available for Order (Oct. 9-15)

Earth Science Week 2011 will be celebrated October 9-15. To give you plenty of time to prepare, the American Geological Institute (AGI) is now accepting advance orders for the 2011 Earth Science Week Toolkit, which contains educational materials for all ages that correspond to this year’s theme of “Our Ever-Changing Earth.” Government agencies such as NASA, the U.S. Geological Survey, and the U.S. Fish and Wildlife Service have all contributed educational materials. Learn about fossils, geological heritage, Earth from space, the New Madrid earthquake and much more in this year’s extensive toolkit, filled with posters, brochures, bookmarks, fact sheets, postcards and more.

To learn more about this week and to pre-order your 2011 Toolkit, please visit http://www.earthsciweek.org/

This entry was posted in Educational Resources, June 2011 Newsletter. Bookmark the permalink.
Earth Science Week 2011 Contests (Due Oct. 14)


- **Photography Contest:** This year's theme is "A World of Change in My Community," and participants should use their cameras to capture evidence of long- or short-term changes taking place on our planet or in their own neighborhood. Students, geologists and the general public are all invited to participate.

- **Visual Arts Contest:** This contest is open to students grades K-9. The theme is "Picturing our Ever-Changing Earth." Participants should create a two-dimensional piece of artwork to illustrate the various ways air, water, land and living things change over time.

- **Essay Contest:** This contest is open to students grades 6-9. The theme is, "How Change Shapes our Planet." In a brief essay, participants should explain how interaction between Earth's systems can change our world over time. The essay should discuss the processes used to study these changes and how human life can be affected by geologic transformation.

For more information on how to enter, rules, and about Earth Science Week 2011, visit http://www.earthsclscience.org/contests/.

This entry was posted in Programs & Events, September 2011 Newsletter, Upcoming Events. Bookmark the permalink.
Earth Science Week Web Event With NASA's Chief Scientist (Oct. 12)

Posted on October 3, 2011 by smdeo

October 12, 11am ET

Earth Science Week 2011 encouraged people everywhere to explore the natural world and learn about the geosciences. "Our Ever-Changing Earth," the theme of ESW 2011, engages your people and the public in learning about the natural processes that shape our planet over time. In honor of Earth Science Week 2011, NASA will host a web event with Dr. Waleed Abdalati, NASA's Chief Scientist. Dr. Abdalati— an Earth scientist—will share his stories and perspectives on our ever-changing Earth. Participants will be able to email questions during the webcast, and will be able to interact with the guests live on NASA's Digital Learning Network's ELNITO Channel at http://elsino.nasa.gov.

NASA has created an Earth Science Week Website (http://science.nasa.gov/earthsw) which contains many resources, interviews, articles and information on Earth Science Week events, to help bring Earth science into the classroom. NASA has also contributed many resources to the educator toolkit designed to help teachers engage students in Earth science before, during and after this special week. For more information on Earth Science Week and creating an educator toolkit, please visit http://www.earthsciweek.org.

This entry was posted in October 2011 Newsletter, Programs & Events, Upcoming Events. Bookmark the permalink.
Celebrate Female Geoscientists as Part of Earth Science Week!
(Oct. 9-15)

As part of Earth Science Week, 2011, and in special observance of Female Geoscientists Day (Oct. 12),
the Women@NASA site is highlighting the contributions of several female Earth scientists with profiles that
include videos, interviews, essays and biographical information. Learn more about these scientists here:

This entry was posted in Uncategorized. Bookmark the permalink.
Earth Science Week 2010 Highlights Report

Published May 29, 2011 2:50PM

Dear Friend of Earth Science Week,

Thank you for your support of Earth Science Week! As we prepare for Earth Science Week 2011, the American Geological Institute is pleased to release the "Earth Science Week 2010 Highlights Report."

Last year's celebration was our most successful yet. Educators, students, geoscientists, and citizens in all 50 states and more than five countries held events, visited classrooms, explored outdoor sites, and took part in Earth science activities. Earth Science Week 2010 reached more than 46 million people through direct promotions, special events, media coverage, and the Internet.

Among surveyed participants, 85 percent said they plan on increasing or maintaining their participation in the future. Moreover, 65 percent said Earth Science Week offered opportunities for teaching and promoting Earth science that they would not have otherwise.

Over more than a dozen years, Earth Science Week has emerged as the geoscience community's leading public outreach campaign. At a time when natural hazards, climate, and energy rank among top public concerns, this program finds an enthusiastic audience.

We invite you to learn more about the celebration (http://www.earthsiceweek.org). Please feel free to contact me if you have any questions or would like to discuss the important role that your organization can play in Earth Science Week 2011 (Oct. 9-15), when our theme will be "Our Ever-Changing Earth."

Sincerely,

Geoff Campshire
Manager, Outreach Programs
American Geological Institute
Teaching the Earth Sciences

News from the Far Western Section of the National Association of Geoscience Teachers, serving Hawaii, Nevada, and California

Tuesday, August 16, 2011

Celebrate National Earth Science Week 2011!

From Misty Holzer at NESTA...

National Earth Science Week is around the corner! The celebration will take place October 9-15, 2011 and this year’s theme is “Our Ever Changing Earth.” Not sure what to do for that week? Go to National Earth Science Week Homepage http://www.earthscteekweek.org and you...
Busy week! For geologists & geoscientists:

- #EarthScienceWeek @earthsciweek
- The Geological Society's meeting, too
- #GSAMinn @geosociety

19 Oct via TweetDeck  Favorite 3 Retweet 0 Reply

Mentioned in this Tweet:

@geosociety
GeoSociety (@geosociety)
The Geological Society of America (GSA) unite earth scientists and facilitates the sharing of scientific findings about our planet and universe.

Retweeted by ProfAbelMendez and 1 other
National Earth Science Teachers Association (NESTA)
http://www.nestanet.org/cms/calendar/2207

Earth Science Week 2011: Our Ever-Changing Earth

URL: http://www.earthscienceweek.org
Date/Time: 10/9/2011 - 10/15/2011
Add to general public calendar

Add (American Geological Institute) is pleased to announce the theme of Earth Science Week 2011: "Our Ever-Changing Earth." Being held October 9-15, 2011, the event will engage young people and the public in learning about the natural processes that shape our planet over time.

Earth Science Week 2011 materials and activities will show how evidence of change can be found everywhere, from the earth beneath our feet to the oceans and atmosphere around us. Fossil records of changes in plant and animal life forever can be found around the globe. These changes touch our lives in many ways, as we see in headlines about topics such as resource availability, evolution, and climate change.
The Grand Canyon National Park have activities planned for Earth Science week. Starting October 9th, events begin to celebrate earth sciences. Grand Canyon National Park staff will offer daily fossil walks beginning at 10 a.m. at the patio behind Bright Angel Lodge. Participants will visit a fossil bed containing the remains of a variety of marine organisms near the rim. The program will last about 1 hour.

Park headquarters will offer a Junior Paleontologist Program booklet for children from 5 to 12 years old. The children will learn about fossils and complete related activities.

The Grand Canyon Association is also getting in on the action by offering a discount on select geology titles in their bookstores and online. Proceeds of the sale will go towards the research efforts at the National Parks Service.

For more detail on all the events and special offers, visit the Grand Canyon National Park Web site.
Earth Science Week Events at Glen Canyon NRA Oct 8-14

Date: October 6, 2011

In addition to National Fossil Day Activities on October 8, Glen Canyon National Recreation Area will celebrate Earth Science Week with special guest ranger talks Oct. 9 and 14. The dinosaur discoverer Merle Graffam will be available at the Carl Hayden Visitor Center in Page from 1:00pm until 3:30pm both days. Graffam, a Bureau of Land Management Park Ranger, discovered the toe bone in 2006 and assisted with subsequent excavation. The remains of this land-living dinosaur were found buried deep in a layer of Tropic Shale, 60 miles from an ancient seashore. Come ask questions and learn more about this fantastic find! The Museum of Northern Arizona’s Therizinosaurus Mystery of the Sickle-Claw Dinosaur exhibit will remain on display through March 2012.

As a reminder, fossils preserved in the rocks of Glen Canyon NRA are evidence of the life and changes that occurred during the Mesozoic Era. The National Park Service preserves and protects these resources for future generations. Dinosaur tracks can be viewed at the Carl Hayden Visitor Center and the Walapai District Ranger Office.

Please call 928-528-6404 or visit www.nps.gov/glca for more information about Glen Canyon National Recreation Area. For additional information on the fossils at Glen Canyon NRA, visit www.nps.gov/glca/naturescience/mesozoicfossils.htm.

For information on the Junior Paleontologist Program and additional educational resources related to National Fossil Day, please visit http://nature.nps.gov/geology/nationalfossilday/overview.cfm.
Earth Science Week

Celebrate Earth Science Week at Grand Canyon National Park
October 9-15, 2011

Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives.

Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the most well known and most scenic geologic landscapes on the planet. Join us for special activities including fossil walks and earth science-themed evening programs throughout the week.

Special Ranger Programs
Sunday October 9 – Saturday, October 15, 2011

Fossil Walk
10:00 a.m., daily
Explore marine fossils on the rim of the canyon. Meet at the Bright Angel Lodge patio. 1 hour.

Special Events By Date

No Child Left Inside Day
Kid’s Fossil Walk
Tuesday, October 11, 4:30 p.m.

NCLI Day is celebrated on the Tuesday of each Earth Science Week. It originated to urge young people outdoors, where they could explore Earth Science firsthand.

Celebrate No Child Left Inside Day by exploring marine fossils on the rim of the Grand Canyon in this family program. Meet at the Bright Angel Lodge patio. 1 hour.

National Fossil Day
Wednesday, October 12

National Fossil Day is a part of Earth Science Week

National Fossil Day is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

National Fossil Day home page
http://www.nature.nps.gov/geology/nationalfossilday/index.cfm

The Grand Canyon contains an amazing diversity of rock formations with an abundance of fossils hidden within. Learn more about the fossils found in Grand Canyon National Park.
National Park Service, Grand Canyon

Grand Canyon National Park to Celebrate Earth Science Week

Allison Mathis, Science and Education Outreach Coordinator helping visitors explore Grand Canyon fossils

Date: September 29, 2011
Contact: Maureen O'Driscoll, 928-638-7779
Contact: Allyson Mathis, 928-638-7923
Earth Science week is on its way, and at least two units of the National Park System are marking it with activities for the entire family.

At Grand Canyon National Park, a variety of activities will be held the week of October 9. And at nearby Glen Canyon National Recreation Area, programs will be offered October 9 to mark National Fossil Day, with additional activities to follow the next week.

Earth Science Week in the National Park System promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. And with its wide open spaces of geology, Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the world's most well-known and most scenic geologic landscapes.

In conjunction with Earth Science Week, National Fossil Day is Wednesday, October 12. It is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

Rangers at Grand Canyon National Park will lead walks during Earth Science Week to some fossil outcrops on the South Rim. NPS photo.
Current science news video from NBC Learn

Oxygen Finally Spotted in Space
BBC News
One of astronomy’s longest-running “missing persons” investigations has concluded: astronomers have found molecular oxygen in space.

Student farms are reaching new heights, and their supporters argue that this experiential learning is crucial at all colleges—land-grant or otherwise.

Nanopits Boost Stem Cell Therapy
futura.org
A process similar to the one used to manufacture Blu-ray discs offers a new way to culture adult stem cells. The discovery could lead to new therapies for conditions such as arthritis, Alzheimer’s, and Parkinson’s disease.

U.S. Department of Education to Highlight Rural Education throughout August
US Department of Education
Many rural schools begin welcoming students back for the new academic year this month and the U.S. Department of Education announced that it will hold events and engage in outreach efforts throughout August to help promote the strengths, opportunities,... [view full summary]

More »
Earth Science Week 2011 Essay Contest

The American Geological Institute is sponsoring an essay contest to celebrate Earth Science Week 2011. The essay theme for this year is: “How Change Shapes Our Planet.”

The essay contest is open to any interested person in grades 6-9. You must be a resident of the United States to enter.
NEA-Alaska
http://www.neaalaska.org/nea/node/409

News & Opportunities

More Opportunities

Apply for an Educator for a Day Grant

The Richard W. Riley College of Education and Leadership at Walden University is awarding $25,000 in grants to P-12 schools that host Educator for a Day events as part of the nationwide celebration of American Education Week, being observed Nov. 13-19, 2011. Five schools will be selected from those nominated to each receive $5,000 grants to enhance their classroom education, provide educational technology or supplies or sponsor special educational activities. Educators and administrators can nominate their schools at www.WaldenU.edu/educatorforday. The deadline for nominations is Oct. 17, 2011.

For Teachers

Earth Science Week 2011 will be celebrated from October 9-15, with the theme "Our Earth-Changing Earth." During Earth Science Week, we hope that you will bring some aspect of Earth Science into your classroom, and take your classroom outside! Your students will not only learn something new about the world around them, but will have fun discovering why Earth Science is important to society.

- Big Idea: Activities
- Classroom Activities
- Contact
- Curriculum
- Resources in Spanish
- No Child Left Inside
- Participate in a Research Project
- Events Near You
"Life's A Beach"
In Search of Ancient Shorelines and Volcanoes in the Grimes Point and Lahontan Mountains Area
2011 Earth Science Week Field Trip
October 15 or 16, 2011

Nevada Bureau of Mines and Geology

National Earth Science Week (ESW) 2011 encourages people everywhere to explore the natural world and learn about the geosciences. The Nevada Bureau of Mines & Geology (NBMG) welcomes you to participate in its fourteenth annual Earth Science Week field trip. In keeping with the National ESW theme, "Our Ever-Changing Earth," this year's trip will focus on the Cenozoic geology of the region around Grimes Point and the Lahontan Mountains, including evidence for a large Pleistocene lake in the area; volcanism related to crustal extension in the Basin and Range Province of the western United States; hydrothermal (hot water) activity associated with volcanism; tectonic volcanic and sedimentary rocks related to faulting and extension; and production of electricity using geothermal power, related to hot water that gets close to the surface along extension-related faults. Many of the features we will explore are related to ongoing geologic processes that continue to alter the face of the Earth. Frequent reference will be made to recently published NBMG geologic maps of the Lahontan Mountains Quadrangle and the Grimes Point Quadrangle, by NBMG geologist John Bell and others.
New Jersey Geological Survey
http://www.state.nj.us/dep/njgs/whatsnew/index.htm

What's New

INTERACTIVE MAPPING  UPDATED  (February 2011)

i-MapNJ Geology or NJ-GeoWeb Geology Profile is an interactive mapping application that provides information about New Jersey's Geology, Aquifers, Well Head Protection Areas, Earthquake Epicenters, Abandoned Mines, Landslides and more.

Earthquake Epicenters and Canals layers updated.

Earth Science Week


The Earth Science Week site contains Tips for Participants, Student Activities, Education Standards, Proclamations, Press Releases, Links and other information.

Last revised May 31, 2011.
Earth Science Week and National Fossil Day

Sunday, October 9, 9:00 AM to Wednesday, October 12, 5:00 PM

Celebrate Earth Science Week! Held October 9-15, 2011 ESW encourages people everywhere to explore the natural world and learn about the geosciences. “Our Ever-Changing Earth,” the theme of ESW 2011, engages young people and the public in learning about the natural processes that shape our planet over time.

National Fossil Day, October 12, 2011, is held in conjunction with Earth Science Week. NFD is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

Events include:
- Solar Sunday on October 9
- The Lives and Times of Triassic Amphibians adult class on October 12

Registration required for the October 12 class only, please go to that listing for registration information. Other Earth Science Week events are FREE with museum admission.
Earth Science Week Update, February 2011

February 24, 2011

EARTH SCIENCE WEEK UPDATE
American Geological Institute
Vol. 9, No. 2

IN THIS ISSUE:
* Independent Study Details Earth Science Week Success
* Dig Into Earth Science Education With USGS
* Earth Science Week at NSTA 2011 Conference
* Energy Department Programs Empowering Teachers
* Earth Science Resources in Spanish and English
* BEAL Reaches Students at #945; Teachable Moments #46
* Get Geoscience Community News From #145; GeoSpectrum #46
* Help NASA Promote Ground Water Awareness
* Earth Science Week to Be Part of Science Festival
* Partners Teach Kids About Science of Conservation

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Independent Study Details Earth Science Week Success

Earth Science Week participation soared in 2010, not only in terms of quantity—a documented 46 million people gained awareness through activities, media coverage, and the Internet—but also the quality of engagement, according to an independent evaluation recently completed by ES International.
Earth Science Week Update, June 2011

June 17, 2011

EARTH SCIENCE WEEK UPDATE
American Geological Institute
Vol. 9, No. 6 June 2011

IN THIS ISSUE:
* Contents Add Fun, Learning to Earth Science Week 2011
* Encourage Your Students to Be Junior Paleontologists
* Profession Development Online Targets Geoscience
* Geoscience Workforce Depicted in New Report
* Earth Science Week Kit Available for Pre-Order
* Webinar Looks at Careers in Mineral Exploration
* Professional Development Available From NSTA
* Congress Needs to Hear From Earth Scientists
* EarthScope Speaker Series Explores Quakes, Eruptions
* Explore Geophysics During Earth Science Week 2011

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Contents Add Fun, Learning
To Earth Science Week 2011

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AGI is sponsoring three national contests for Earth Science Week 2011. The photography, visual arts, and essay contests – all focused on the event theme of "An Ever-Changing Earth" – allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.
National Fossil Day

Program Type: Event

Date: Oct. 17, 2011 | Wednesday, 10:00am

Multiple Times

Location: Museum of Natural Sciences - 3rd Floor

Fee: Free

Museum paleontologists and the NC Fossil Club will have fossils on display, and participants will have the chance to meet five animals and learn how they are linked to fossil ancestors. Our daily animal programs and story time for the public will have the topic of "Ancient Animals." In honor of National Fossil Day (10/17, 11:00, 11:30, and 1:30).

There will also be a special lecture, "Dinosaurs on Ice: Hunting for Fossil Vertebrates in the Jurassic of Antarctica" by Nethan Smith at 1:30pm.
A TEACHER’S WORKSHOP - NCGS FIELD TRIP FOR THE NATIONAL EARTH SCIENCE WEEK - Saturday October 15, 2011

Field Trip Leader: Dr. Raymond Sullivan, Professor Emeritus, Department of Geosciences, San Francisco State University
San Francisco, CA 94132

Field Trip Coordinator – Dr. Paul Henshaw
Northpotomac.patch.com
http://northpotomac.patch.com/events/geology-walk-earth-science-week

Geology Walk - Earth Science Week
Posted by Julie Ouendargo

Where: 11710 MacArthur Boulevard, Potomac, MD
Date: April 16, 2011
Time: 12:00pm - 3:00pm

Rockville Science Center hosts a Geology Walk along the C&O Canal National Historic Park from Great Falls, MD (Tavern) to Mather Gorge. The walk, hosted by geologist Phil Justus will meet along the fence at the corner of the tavern at 12:30 pm.

Limit 22 persons. Contact Phil Justus today for availability and more detailed information at pjjustus253@comcast.net.

Features: Open to All
Website: http://campaign.campaigncontact.com/render?ll=co9gccable
Email: pjjustus253@comcast.net
Northwest Missouri State University
http://calendar.nwmissouri.edu/event?id=17615

Earth Science Week

Sunday, October 9, 2011

Calendars: Academics

Like Be the first of your friends to like this.
National Fossil Day to Be Held During Earth Science Week 2011

Tue, 09/27/2011 - 2:45pm — Karen Lippy

The American Geological Institute (AGI) and the National Park Service (NPS) are collaborating on the second annual National Fossil Day - October 12, 2011 - during Earth Science Week (October 9-15).

Join paleontologists, educators, and students in fossil-related events and activities across the country in parks, classrooms, and online during National Fossil Day. NPS has developed resources and activities to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. Visit the NPS National Fossil Day site at http://nature.nps.gov/geology/nationalfossilday/ for standards-based lesson plans, fossil trading cards, videos, a virtual museum exhibit featuring dinosaurs, and more. Fossil-themed activities are also available in the Earth Science Week 2011 toolkit available at http://www.earthsciweek.org/materials/index.html.

The National Park Service is sponsoring a National Fossil Day Art and Photo Contest. Entries should address the theme "Fossils in My Backyard." This contest is open to any U.S. resident. Entries are due October 5, 2011. See complete contest guidelines at http://nature.nps.gov/geology/nationalfossilday/art_contest.cfm.

In addition to online resources, local events, and contests, NPS and the Smithsonian Museum of Natural History will hold the National Fossil Day kick-off event in Washington, D.C. This celebration on the National Mall will take place from 10:00 a.m. until 2:00 p.m. on October 12, 2011. All are invited to learn how to become a Junior Paleontologist, study the history of life that has been preserved in over 230 NPS units, and hunt for your own fossils. For more information on the kick-off event, visit http://www.nature.nps.gov/geology/nationalfossilday/hotmaliweek.cfm.

AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AGI Foundation, NASA, the National Park Service, ExxonMobil, and ESRI. To learn more about Earth Science Week and National Fossil Day, go to http://www.earthsciweek.org/.
Office of Environmental Education (North Carolina)
http://web.cenorthcarolina.org/net/calendar/details.aspx?s=85702.0.0.37430&c=3280635
Ohio Celebrates Earth Science Week
October 9-15, 2011

"From our changing Lake Erie shore to landscapes in Cincinnati and mine subsidence in Sugarcreek, Ohioans witness our changing earth on a regular basis. Geologic and man-made forces are constantly reshaping our state's landscape."

—Larry Wickstrom, State Geologist of Ohio

The theme for Earth Science Week 2011 is Our Ever-Changing Earth. The earth sciences are important to all Ohioans. How will you celebrate Earth Science Week? Explore the links below for events, activities, educational materials, and more.

Ohio Activities for Educators, Students, & the Public

- Earth Science Week events featuring the Ohio Geological Survey. Click the links below for detailed information or visit the Survey Events Calendar here.
- "Rog" Hike - Triangled Lake Bog State Nature Preserve, Ravenna
  Saturday, October 8, 2011
  Join ODNR Naturalists and Ohio Geological Survey staff members on a hike around the Triangle Lake Bog to learn how glaciers of the last Ice Age created and shaped one of the finest and least-disturbed kettle-hole bogs in Ohio.
Ohio Statehouse
http://www.ohiostatehouse.org/Events/Calendar/Event.aspx?eventId=111107

Earth Science Week Fossil Tour

Date:
October 14, 2011

Time:
12:00 PM - 1:00 PM

Where:
Map Room on Ground Floor
The Ohio Statehouse
1 Capitol Square
Columbus, OH 43215

What:
Earth Science Week Fossil Tour

The Pulse of Earth Science!

October 14, 2011, Noon
Ohio Statehouse, Broad & High Streets downtown Columbus
Map Room, Ground Floor of Statehouse
Free!

Join us for Earth Science Week and a Statehouse Fossils Tour—a geology tour of the Statehouse. Ohio State University experts will discuss the "Building Stones of Capitol Square." For more information, visit www.earthsciweek.org. To reserve a free spot, call 614/728-2697.
Ohio State University
OMYAinVermont.org

Earth Science Week
October 9-15, 2011
Poster Contest Information, Rules & Release Form


Please read the following poster contest rules carefully, as only posters that meet the contest guidelines will be considered.

DEADLINE FOR SUBMISSION: Monday, Noon, October 3, 2011

ELIGIBILITY: All VT public, private, or home-schooled students, grades K-12

THEME: Your artwork should focus on the topic: FOSSILS – what they tell us

The following websites may be of interest:


http://www.ucmp.berkeley.edu/help/strat.html

PRIZE STRUCTURE:

- There will be three winners (First, Second, and Third) in each of the following categories: Grades K - 2, Grades 3 - 4, Grades 5 - 6, Grades 7 - 9, and Grades 10 - 12.

- An additional winner will be chosen in the "People’s Choice" category.

This winner will be chosen by popular vote from visitors to the Vermont Marble Museum between October 3 and October 10, 2011.

PRIZES:

The following awards will be presented:

CALENDAR OF EVENTS
February 1, 2011, 12:50 pm
Filed under K-12, Science, STEM, Student Opportunities, Teacher Opportunities

The American Geological Institute is pleased to announce the theme of Earth Science Week 2011: “Our Ever-Changing Earth.” This event will engage young people and the public in learning about the natural processes that shape our planet over time. Earth Science Week 2011 materials and activities will show how evidence of change can be found everywhere, from the earth beneath our feet to the oceans and atmosphere around us.

Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, the AAPG Foundation, the U.S. Department of Energy, NASA, the National Park Service, ExxonMobil, ESRI, and other major geoscience groups.

To learn more, visit http://www.earthsclweek.org
Oregon Space Grant Consortium Educational Resources Blog

Earth Science Week Contests Announced for 2011
July 29, 2011, 1:28 pm
Filed under: Competitions, Contest, K-12, NASA, Science, STEM, Student Opportunities

Take part in the following contests to celebrate Earth Science Week. This year’s celebration takes place Oct. 9-15, 2011.

Earth Science Week 2011 Photography Contest – Open to All Ages
http://www.earths civweek.org/contests/photography/index.html

The American Geological Institute is sponsoring a photography contest to celebrate Earth Science Week 2011. Photographs should focus on the topic “A World of Change in My Community.” The contest is open to any resident of the United States. Participants should submit pictures that show how their areas are influenced by environmental changes. Entries may be submitted electronically or by mail. Only one entry will be accepted per person. Entries are due Oct. 14, 2011.

Earth Science Week 2011 Visual Arts Contest – Open to Students in Grades K-5
http://www.earths civweek.org/contests/visualarts/index.html

The American Geological Institute is sponsoring a visual arts contest to celebrate Earth Science Week 2011. Artwork should focus on the topic “Picturing Our Ever-Changing Earth.” The contest is open to students in grades K-5 who are residents of the United States. Participants should submit an original two-dimensional visual arts project that shows ways in which Earth’s air, water, land and living things change over time. Entries are due Oct. 14, 2011, and must be submitted by mail.

Earth Science Week 2011 Essay Contest – Open to Students in Grades 6-9
http://www.earths civweek.org/contests/essay/index.html

The American Geological Institute is sponsoring an essay contest to celebrate Earth Science Week 2011. Essays should focus on the theme “How Change Shapes Our Planet.” The contest is open to students in grades 6-9 who are residents of the United States. Participants should submit an original essay no more than 300 words in length, typed and formatted to fit on one page. Entries may be submitted electronically or by mail. The deadline for submitting entries is Oct. 14, 2011.

If you have any questions about any of these contests, please e-mail the Earth Science Week staff at info@earths civweek.org.
Earth Science Week 2011: “Our Ever-Changing Earth”

Geology News - Tue, 02/01/2011 - 18:18

AGU has announced that the theme of Earth Science Week 2011 will be "Our Ever-Changing Earth." Earth Science Week events will be October 9-15, 2011. The event will engage young people and the public in learning about the natural processes that shape our planet over time. Quoted from the Earth Science Week announcement. Visit the Earth Science Week website at http://www.earthsweek.org/.

Categories: Geology news
Earth Science Week 2011

During October, Oresome Resources will be involved in a number of activities to celebrate Earth Science Week 2011 (October 9 – 15).

Theme this year is "Our Ever-Changing Planet".

Activities include:

- 3 October 2011: Our Place in Space TEP workshop, Cooroo State School
  [more info]
- 5 October 2011: Our Place in Space TEP workshop, Grace Lutheran College, Brisbane
  [more info]
- 7 October 2011: Our Place in Space TEP workshop, Trinity Bay State High School, Cairns
  [more info]
- 19 October 2011: Wet Radio TESP workshop, Wandoan State School
  [more info]
- 28 October 2011: Wet Radio TESP workshop, Munduramba State Secondary College, Ipswich
  [more info]

Details of other events celebrating Earth Science Week can be found [here](http://www.oresomeresources.com/teacher_education_earth_science_week/section/teacher_education).
Since October 1998, the American Geological Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year’s Earth Science Week will be held from October 9-15 and will celebrate the theme “Our Ever-Changing Earth.” Click on the following links to see the many ways that everyone can participate in Earth Science Week!

- **Mission and Theme:**
  Check out the Earth Science Week mission and objectives.
Palomar College Celebrates Earth Science Week

Who:
Earth, Space and Aviation Sciences Department, Palomar College

What:
Celebration of Earth Science Week (ESW)

When:
Monday - Thursday, Oct. 10 - 15

Where:
NS Building at Palomar College
1140 West Mission Road
San Marcos, CA 92096

Palomar Observatory (Saturday, Oct. 15)
35999 Canfield Road
Palomar Mountain, CA 92060

Why:
According to the American Geosciences Institute website, “ESW 2011 encourages people everywhere to explore the natural world and learn about the geosciences. “Our Ever-Changing Earth,” the theme of ESW 2011, engages young people and the public in learning about the natural processes that shape our planet over time.”

How:
Earth Science Week activities include workshops, a film, treasure hunting with GPS devices and a presentation by Geologist Ric Taylor at the San Marcos campus. On Saturday, Oct. 15 earth science enthusiasts are invited to a guided tour of the Hale telescope at the Palomar Observatory.
Pennsylvania Earth Science Teachers Association (PAESTA)
March 1, 2011
http://www.paesta.psu.edu/2011/03/01/teaching-tip/

Resources: US Dept of Energy

By Laura Guerin on March 1, 2011

The U.S. Department of Energy (DOE), a major Earth Science Week partner, provides learning opportunities for teachers and students at all levels. For example, DOE’s Energy Education & Workforce Development website offers hundreds of K-12 lesson plans. For activities aligned with national standards and covering topics from energy basics to biofuels, hydroelectric, and wind energy, see http://apps1.eere.energy.gov/education/lessonplans.

From: From the Earth Science Week Update, American Geological Institute Vol. 9, No. 2; February 2011

Posted in News. Resources | Leave a response
Groundwater Awareness Week! March 6-12, 2011

By Laura Guerin on March 8, 2011

Ground Water Awareness Week (March 6-12, 2011) will shed light on one of the world’s most important resources—ground water. Ground water is essential to the health and well-being of humanity and the environment, according to the National Ground Water Association, an AGU member society.


From: From the Earth Science Week Update, American Geological Institute Vol. 9,
Welcome to PSTA!

Mission Statement
The Pennsylvania Science Teachers Association shall work toward the advancement, improvement, and coordination of science education in all areas of science at all educational levels.

Latest PSTA News

2011-2012 Academic Year - Reserve your Spot for PSBR Biomedical Workshops
Student Science Literacy Workshop - FREE - Biomedical research continues to make amazing advances in alleviating human and animal disease and suffering. This workshop is free and includes presentations and interactive discussions with researchers, a tour of laboratory and animal facilities, and materials to bring back to the classroom. Currently scheduling for the 2011-2012 school year in the Philadelphia and Pittsburgh areas. Other locations can be scheduled by request. Contact us to schedule a workshop: psbr@psbr.org.

December 1, 2011 - Barbara Letzer Scholarship Applications to AAPT due

October 15, 2011 - State Department's Fulbright Teacher Exchange Program applications are due.

September 25, 2011 - Participate in the NRC EducationNation Teacher Town Hall

Order Now --- Earth Science Week 2011 Toolkits
Earth Science Week 2011 will be celebrated October 9–15. To give you plenty of time to prepare, the American Geological Institute (AGI) is now accepting advance orders for the 2011 Earth Science Week Toolkit, which contains educational materials for all ages that correspond to this year’s theme of “Our Ever-Changing Earth.” The toolkit will be sent in August 2011. To learn more about this week and to pre-order your 2011 Toolkit, please visit the Earth Science Week site at www.earthsciweek.org or the AGI Publications Store.

Plan ahead:
September 14, 2011 -- Social Media Summit at Harrisburg University... look at their session offerings and register now!

The NSTA Board of Directors voted to adopt a new position statement acknowledging the value of 21st-century skills within the context of science education. The statement advocates for the science education community to support 21st-century skills consistent with best practices across a science education system and notes that “exemplary science education can offer a rich context for developing many 21st-century skills, such as critical thinking, problem solving, and information literacy.” To view the statement, click here. To view all NSTA position statements, click here.

EARTH SCIENCE WEEK UPDATE

American Geological Institute

Vol. 9, No. 1: January 2011

IN THIS ISSUE...

* Earth Science Week 2011: ‘Our Ever-Changing Earth’
* Earth Science Week Resources Online Year-Round
* Literacy Initiative Boosts Earth Science Awareness
* Energy Lab Program Open to Schools
* Prepare Now for Week of Environmental Education
* AAPG Offers Instructors Videos, Expert Speakers
* NASA Unveils Stellar Education Efforts
* Apply by February 1 for AGI Fellowship
* EPA Offers Climate Change Toolkit for Middle School
* Discovery Earth Web Site Tackles Hot Topics

*****************

Earth Science Week 2011: ‘Our Ever-Changing Earth’
*****************

AGI is pleased to announce the theme of Earth Science Week 2011: “Our Ever-Changing Earth.” Being held October 9-15, 2011, the event will engage young people and the public in learning about the natural processes that shape our planet over time.
Related News From Another Site:

**Earth Science Week**
2011: “Our Ever-Changing Earth” AGI invites you to take part in Earth Science Week 2011! Being held October 9-15, Earth Science Week 2011 will encourage people ... 
http://www.earthsdweek.org/

**Earth Science Week**
Earth Science Week Contests 2011 2010 Contest Winners and Finalists Announced! Click here. 
http://www.earthsdweek.org/contests/

**Earth Science Week Wikipedia the free encyclopedia**
What is Earth Science Week? Since October 1998, the American Geological Institute (AGI) has organized this national and international event to help the public gain a better ... 
http://en.wikipedia.org/wiki/Earth_Science_Week

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@pourmecoffee
pourmecoffee

It's National Fossil Day! bit.ly/9RLMNv
Fossils go back thousands of years to when Earth was created out of nothing.

12 Oct via TBUZZ

Retweeted by kate_sheppard and 16 others
Resep Masakan | Makanan | Minuman | Kue | Puding | Cake

Earth Science Week

2011. Our Ever Changing Earth AGI invites you to take part in Earth Science Week 2011. Being held October 3-15 Earth Science Week 2011 will encourage people to visit the Original Source here: Earth Science Week

Earth Science Week Contests 2011

Earth Science Week Contests 2011. 2010 Contest Winners and Finalists Announced. Click here to visit the Original Source here: Earth Science Week Contests 2011

Earth Science Week Newsletter May 2011 Geology.com

Earth Science Week Newsletter May 2011 May 16 2011 Earth Science Week. The Earth Science Newsletter for May is posted on the web. The topics include: see the Original Source here: Earth Science Week Newsletter – May 2011 | Geology.com

Earth Science Week 2011 Photography Contest

About the Contest AGI is sponsoring a photography contest to celebrate Earth Science Week 2011. The photography theme for this year is A World Of Change in My Life. Please visit the Original Source here: Earth Science Week 2011 Photography Contest

Earth Science Week 2011

Earth Science Week 2011 Essay Contest How Change Shapes Our Planet Please visit the Original Source here: Earth Science Week 2011

Resep.makan.web
Earth Science Week 2011: “Our Ever-Changing Earth”

The aim shall engage young people and the public in learning about the natural processes that shape our planet and environment. Follow the Earth Science Week announcement and the Earth Science Week website at http://www.earthsweek.org/ and see their list of resources.

http://features.rr.com/article/0bun6ff2lh85k?q=Earth
Chips from the Quarry: September/October 2011
by Maria Hauzing

THE RUSSIAN MINERALS ARE COMING: And they'll be at the Denver show, held at the Denver Merchandise Mart Expo Hall on East Fifty-eighth Street, 16–18 September. As a tie-in with the above minerals of Russia theme, the Colorado Chapter of Friends of Mineralogy, the Colorado School of Mines, and the Denver Gem and Mineral Council are hosting a symposium at the Colorado School of Mines, in Golden, on that same subject on 16 September, the Saturday before the show. Also following the Russian theme is this issue of Rocks & Minerals, which has several articles on Russia's minerals, localities, personalities, and publications.

EARTH SCIENCE WEEK: Two thousand eleven is the fourteenth year for this annual event, which is hosted by many businesses and organizations, including the American Geological Institute, a nonprofit federation of more than forty scientific and professional associations that represent more than 120,000 geologists, geophysicists, and other Earth scientists. The week was established to give students and other citizens new opportunities to discover the Earth sciences and to encourage stewardship on our planet.

Earth Science Week 2011 will be celebrated 9–15 October; its theme is Our Ever-Changing Earth. For the latest information on the many associated activities, in general and also state-by-state, visit www.earthsciweek.org.
Earth Science Week Theme: “Our Ever-Changing Earth” http://dlvr.it/GtBck

6:02 PM Feb 17th via dlvr.it

RonsGeoPicks
Ron Schott
15. National Fossil Day (October 13): One need not be a paleontologist, biologist or geologist to get into the relatively new National Fossil Day festivities! Use the time to dig or promote the importance of finding, keeping and preserving the lands where these ancient structures are found.
The challenge this year runs October 2 through October 22. We’re overlapping with Earth Science Week (October 9-15, 2011) and National Chemistry Week (October 16-22, 2011), a nice chance for earth science and chemistry fans to add a little philanthropy to their celebrations. There are a bunch of Scientific American bloggers mounting challenges this year (check out some of their challenge pages on our leaderboard), as well as bloggers from other networks (which you can see represented on the challenge’s motherboard). And, since today is the official kick-off, there is plenty of time for other bloggers and their readers to enter the fray!

How It Works:
Follow the links above to your chosen blogger’s challenge on the DonorsChoose website.

Pick a project from the slate the blogger has selected. Or more than one project, if you just can’t choose. (Or, if you really can’t choose, just go with the “Give to the most urgent project” option at the top of the page.)
Sharing Environmental Education Knowledge (SEEK), Minnesota
http://www.seek.state.mn.us/calendar_detail.cfm?ID=6698

Earth Science Week 2011: Our Ever-Changing Earth

Dates: Sunday, October 9, 2011 - Saturday, October 15, 2011

Since October 1998, the American Geological Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth.

This year's Earth Science Week will be held from October 9-15 and will celebrate the theme "Our Ever-Changing Earth."

The American Geological Institute (AGI) is sponsoring three national contests as part of Earth Science Week 2011:

- Photography Contest: A World of Change in My Community - Students, geologists, and the general public are invited to submit photos that capture the evidence of the long- or short-term changes taking place around our planet and even in your own neighborhood.

- Visual Arts Contest: Picturing our Ever-Changing Earth - Students in grades K-5 are invited to submit a two-dimensional piece of artwork to illustrate the various ways air, water, land, and living things change over time.

- Essay Contest: How Change Shapes our Planet - Students in grades 6-9 are invited to submit a brief essay, explaining how interactions between Earth’s systems can change our world over time. Discuss the processes used to study these changes and how human life can be affected by geologic transformation.

Deadline for all contests: October 14, 2011

For more information visit http://www.earthsweek.org/contests/index.html

Home | Search | Contact SEEK | SEEK Partners | Tell a Friend | SEEK Bulletin
Privacy Statement | SEEK is a program of the Minnesota Pollution Control Agency.
National Fossil Day
October 12, 2011 · 2 Comments

Today we have a special guest entry from the president of the Society of Vertebrate Paleontology, Phil Currie. Dr. Currie, now at the University of Alberta, has been involved and led a number of groundbreaking research efforts throughout his career, and he has been recognized for this work in a number of ways, not least being his election as the president of our Society. I join him in wishing everyone a happy National Fossil Day!

Happy National Fossil Day™

As an organization committed to advancing the study of fossil vertebrates, promoting education, and to the conservation and preservation of fossil sites, the Society of Vertebrate Paleontology (SVP) is excited to see the abundance of celebratory events taking place across the U.S. Our thanks to the National Park Services and the American Geological Institute for spearheading this event, and to all the members and friends of SVP who are participating in the fun and festivities.

National Fossil Day™ is playing an important role in promoting a greater appreciation of the scientific and educational value of fossils. Visit the official National Fossil Day™ website for activities, videos, and the official National Fossil Day Song®.

Enjoy!

Phil J. Currie, SVP President

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*1 people like this. Be the first of your friends.*

The American Geological Institute has announced Earth Science Week 2011.

Earth Science Week will encourage people everywhere to explore the natural world and learn about the geosciences.

Posted on 01/26/2011 at 08:27 PM in Science | Permalink

Comments

You can follow this conversation by subscribing to the comment feed for this post.
Hurry! #HighSchool #Students: Enter @EarthSciWeek "A World of Change in My Community" #photo contest by Friday 10/14: ow.ly/6uFlz

13 Oct via web Favorite Retweet Reply

Mentioned in this Tweet

earthsciweek Earth Science Week
An event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth.
**Stonerose Interpretive Center Events**

http://www.stonerosefossil.org/eventsAndCalendars.htm

**2011 Calendar of Events and Outreach Calendar**

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 1</td>
<td><strong>Stonerose OPENS for the Season!</strong></td>
</tr>
<tr>
<td>May 14</td>
<td>Stonerose at Mayfest, Oroville, WA</td>
</tr>
<tr>
<td>June 5</td>
<td>Stonerose at Barel Derby, Curlew, WA</td>
</tr>
<tr>
<td>June 11</td>
<td>Prospector's Days Celebration, Republic, WA activities TBA</td>
</tr>
<tr>
<td>July 16</td>
<td>Stonerose at Inchelium Days, Inchelium, WA</td>
</tr>
<tr>
<td>August 26-28</td>
<td>Stonerose Booth at Steiwos County Fair</td>
</tr>
<tr>
<td>Sept. 24</td>
<td>Stonerose Booth at Ferry County Fair</td>
</tr>
</tbody>
</table>
| Sept. 9-11 | Stonerose Booth at Okanogan County Fair  
| Sept. 24 | Stonerose at Mt. Bike Fest, Swan Lake, Republic, WA                  |
| Oct. 1  | Stonerose at Marcus Cider Fest, Marcus, WA                            |
| October 15 | National Fossil Day Event, activities TBA  

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2-264
St. Paul Spot

Event Details

Earth Science Week and fossils

Date: Saturday, October 22
Time: 01:00 PM
Location: Science Museum of Minnesota
Address: 120W1, Kellogg Blvd,
St. Paul, Minnesota - 55102
Phone: 651-221-9444
Website: www.smm.org

Event Description:
Join us from 1-4 p.m. on Saturday, October 22 as we celebrate Earth Science Week and fossils at the museum. We'll have activities around the museum where visitors can learn about Twin Cities Fossils, fossil prep, fossil research, trihedral, and more.
National Fossil Day Celebrates Paleontology on October 12, 2011

Aug 31, 2011  Kevin Schindler

The National Park Service and American Geological Institute co-sponsor country-wide events and activities as part of Earth Science Week.

Fossils tell us a lot about past life and conditions on Earth; they allow us to learn how life lived, adapted to various conditions, and evolved over time; they help us understand the environment and geography of ancient landscapes; they provide us with clues about geological processes and how they function.

Fossils are also useful from an economic standpoint. For instance, mass deposits of long-dead organic material can form fossil fuels such as oil, coal and natural gas.

On a more basic level, fossils are captivating natural curiosities that intrigue many people simply for their sheer beauty.

Largely due to the desire to educate and excite both kids and adults about this widespread importance of fossils, National Fossil Day™ was created in 2010 as an outgrowth of Earth Science Week.

Earth Science Week

In 1990 the American Geological Institute (AGI) held the first Earth Science Week to “help build public understanding and appreciation of the Earth sciences, promote recognition of the value of Earth science research, and encourage stewardship of the planet.”

Since then, millions of people around the world have participated in this annual event, marked by activities held at schools, museums, science centers, and other formal and informal educational facilities.

Some typical activities include EarthCaching, observing Earth’s constantly changing face by examining Geographic Information Systems (GIS) data, using magnets to simulate Earth’s magnetic field, and introducing the rock cycle with the aid of chocolate.
Sunday, October 2, 2011

Earth Science Link Up

Next week, October 9-12, is Earth Science Week! Vintage Teacher is hosting a linky party about Earth Science resources, activities, and lessons.

All grade levels are encouraged to share blog posts, resources, web resources, activities, or free products. If you don’t have a blog, please leave a comment and did you know can link to resources you have found helpful? I hope you decide to join in at Vintage Teacher.

(I have to admit Science is not my favorite thing to teach, so I am looking forward to learning from everyone.) Please help spread the word about the Earth Science Linky Party for all grade levels.
While none of the new infrastructure is in place as of yet, money has reportedly been found to have a cement-based steel shelter and a water supply. On April 26th the Dinosaur Fund and other organizations like South Laurel Community testified for an operating budget for Dinosaur Park.

Spring Break camps were successful. Current proposed summer dates are the weeks of 6/20; 6/27; 7/18; 8/1; 8/15. People wishing to propose other dates are welcome to submit requests. Contact dinosaurfund@umd.com

The Dinosaur Fund’s efforts to have the “Capitalosaurus” placed on this year’s Low Number Plates in DC were not successful. However, we are told that it is under consideration for the future. This year’s symbol will be the “American Beauty Rose.”

The Baltimore Rotary Club has given a $450 donation toward infrastructure development at Dinosaur Park.

An article about Dinosaur Park has appeared in the recent issue of “Maryland Life” (4/14/11).

Summer is coming and there is a desperate shortage of volunteer help for Dinosaur Park open houses. If you would like to help, please call 202-547-3326.

The Dinosaur Fund has a new office and mailing address:
300 50th St. SE #103 Washington, DC 20019

Last updated: May 10, 2011
The Dinosaur Place on Facebook

The Dinosaur Place
Earth Science Week is coming October 9-15. Check out this site for ideas and activities to celebrate "Our Ever-Changing Earth".

http://www.earthsciweek.org/index.html

Earth Science Week
www.earthsciweek.org

Take part in Earth Science Week 2011! Held October 9-15, ESW 2011 encourages people everywhere to explore the natural world and learn about the geosciences. "Our Ever-Changing Earth," the theme of ESW 2011, engages young people and the public in learning about the natural processes that shape our pl...

Like · Comment · Share · Yesterday at 9:22am

2 people like this.

Virginia Roberts How cool is it that Monty's birthday celebration is at the head of Earth Science week!!!
Yesterday at 10:10am · Like

Write a comment...
Our Ever-Changing Earth
Celebrate Earth Science Week 2011

A young people modeling Earth science in school today. The Earth Scientist is a resource of current and up-to-date information, shaping the future of Earth science through the Earth Science Week. Earth Science Week is a fun way for young people to learn about Earth science frameworks, and Earth Science Week is a fun way for young people to learn about Earth science frameworks.

Our Ever-Changing Earth
Celebrate Earth Science Week 2011

Stay by Day
The Earth Scientist is a resource of current and up-to-date information, shaping the future of Earth science through the Earth Science Week. Earth Science Week is a fun way for young people to learn about Earth science frameworks, and Earth Science Week is a fun way for young people to learn about Earth science frameworks.

A Wealth of Resources
How can you participate? This year’s Earth Week includes a wealth of resources to help you learn about Earth science. The Earth Week Science Week Plan (themed the “Earth” or “Earth Week”) is a fun way for young people to learn about Earth science frameworks, and Earth Science Week is a fun way for young people to learn about Earth science frameworks.

Proven Results
Earth science participations provide single integrated resources that are focused on the Earth Science Week. The Earth Science Week includes a range of resources that are focused on the Earth Science Week. The Earth Science Week includes a range of resources that are focused on the Earth Science Week.
Federal Agencies and Nationwide Partners Present the 2011 National Fossil Day in Hopes of Fostering Scientific Education

By Jason Kenworthy and Eva Lyon

National Fossil Day is a celebration to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values. National Fossil Day is celebrated annually on the Wednesday of Earth Science Week in October. National Fossil Day 2011 will be October 12. This article will provide a brief introduction to National Fossil Day, explain how it was established, what is its mission, and provide some ideas on how you can celebrate it in the classroom this year.

The inaugural National Fossil Day was held last year on October 13, 2010, but the driving force behind the celebration really gathered steam during early spring of 2009. On March 30th of that year, President Obama signed the Paleontological Resources Preservation Act into law as part of a large group of legislation for public lands nationwide. Aside from other provisions to support local resource management, research, and protection, the law called for establishment of a program to increase public awareness about the significance of paleontological resources. From this directive sprang the idea for a National Fossil Day last year the National Park Service (NPS) and the American Geological Institute (AGI) decided to hold National Fossil Day during AGI’s Earth Science Week to take advantage of the week’s emphasis on science education. In 2010, more than 100 agencies, associations, groups, museums, universities, and professional organizations joined as National Fossil Day partners. This year, there are more than 130 partners already signed-up and the Federal Bureau of Land Management is also taking a leadership role in planning.

National Fossil Day partners participate in a number of ways. Many plan special events at their facilities, while others send representatives to speak at schools and museums. Visit the National Fossil Day website and click on “Events” for a frequently updated list of events organized by state.

In 2011, more than 110 events were held in 36 states. A kick-off event was held on the National Mall in Washington, DC, and was attended by 1,200 local schoolchildren. President Obama also wrote a letter of support to National Fossil Day participants across the country. In 2011, we are hoping for National Fossil Day events in 40 states and in all 50 by 2012.

One of the goals of National Fossil Day is to tell stories about many types of fossils. Anything that was once living, or made by something that was once living can become a fossil. Animals, plants, even rocks and dung! Many people associate fossils with dinosaurs, but there are hundreds of thousands of other types of fossils. From million-year old minerals (featured on the National Fossil Day logo in Figure 1), mosasaurs (featured on the 2011 National Fossil Day Artwork in Figure 2) to dinosaur tracks, and giant palm fossils to giant ground sloths, the past is full of fantastic...
The Globe Program

Earth Science Week 2011

08/23/2011 12:00 MDT - Since October 1998, the American Geological Institute (AGI) has organized Earth Science Week, a national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year’s Earth Science Week will be held from 9-15 October and will celebrate the theme Our Ever-Changing Earth. AGI has developed the Earth Science Toolkit, a packet of Earth Science teaching materials available for purchase from their website, but some of the materials are available free, online, as well. See the Exploring Energy page of the Earth Science Week website.

Here you will find the 2011 - 2012 Activity Calendar that extends the celebration from one week to the whole school year! Distributed as part of the Earth Science Week 2011 Toolkit, calendar features an exciting classroom activity each month. The publication also provides information about “Our Ever-Changing Earth,” activities, career opportunities, geoscience happenings, important dates in history, event participation tips, and links to resources on the Web. Download the Entire Calendar (3.1 MB) for an outstanding collection of monthly classroom activities.

Posted August 23, 2011 with tags: NorthAmerica
The Globe Program

Earth Science Week 9-15 October

09/30/2011 12 MDT - Earth Science Week is coming right up. Since October 1998, the American Geological Institute (AGI) has organized Earth Science Week a national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year's theme, Our Ever-Changing Earth, introduces a wide range of exciting activities, programs, and resources designed to engage young people and the public in learning about the natural processes that shape our planet. New this year, are resources for Earth Science education available in Spanish, as well as English. See the Spanish language pages for more than thirty Earth Science resources.

Celebrate Earth Science Week, 9-15 October 2011!

Posted September 30, 2011 with tags: North America, SCRC
Earth Science Week 2011 Contest Expands Globally

8/30/2011 12:00 MDT - Earth Science Week is expanding eligibility for its annual photography contest to allow members of The American Geological Institute (AGI) International Affiliates to participate for the first time. Previously open only to residents of the United States, the photo contest has always been a major part of Earth Science Week, which this year is being celebrated October 9-15.

"By celebrating the theme of 'Our Ever-Changing Earth,' Earth Science Week 2011 focuses attention on the natural forces that shape our planet," says Ann E. Benbow, Ph.D., AGI's Director of Education and Outreach. "This is the perfect time to invite our colleagues and friends around the world to join this celebration of Earth science." Members of AGI International Affiliates are encouraged to enter the contest, titled "A World of Change in My Community." These individuals are invited to use a camera to capture evidence of the long- or short-term changes taking place around their planet and even in their own neighborhoods. Learn more at http://www.earthsweek.org/contests/.

Posted August 30, 2011 with tags: FundingOppsInternational, FundingOppsUSA
Earth Science Week Photography, Art and Essay Contests

08/23/2011 10:00 MDT - The American Geological Institute is sponsoring several contests to promote Earth Science Week 2011, which will take place this year from 9-15 October. A photography contest focuses on the topic “A World of Change in My Community.” In a photograph, show how your area is influenced by long-term and short-term changes that result from interactions among Earth’s atmosphere, hydrosphere, geosphere, and biosphere. Use your camera to capture evidence of how people in the community are affected by or adapt to such changes.

The American Geological Institute is also sponsoring two contests specifically for students.

The Visual Arts Contest for students of grades K - 5. Your artwork should focus on the topic “Picturing Our Ever-Changing Earth.” Our planet changes all the time. Some of the changes, like earthquakes and storms, happen very quickly. Other changes, such as rocks wearing away to make soil, happen very slowly. What Earth changes do you know about? What do you think causes those changes? Use artwork to show ways in which Earth’s air, water, land, and living things change over time.

The Essay Contest for students of grades 6 - 9. Your essay should focus on the topic “How Change Shapes Our Planet.” Write a brief essay explaining how interactions among Earth systems - geosphere, hydrosphere, atmosphere, and biosphere - change our planet over time. How do people gather evidence of change and study its effects? How are humans’ lives affected by these changes? What role do people play in the processes of change on our planet?
Tulsa Geoscience Center
Flyer

Tulsa Geoscience Center
610 S. Main St., Suite 300
Main I Plaza Building
Tulsa, OK 74119
918-392-4556

14th Annual EARTH SCIENCE WEEK 2011
Theme: “Our Ever Changing Planet”
October 9 – 15
Two day event collaboration: Tulsa Children’s Museum and Tulsa Geoscience Center at Tulsa Geoscience Center site
Announcement will go out Monday October 4 via Tulsa Geoscience Center and Tulsa Children’s Museum targeted email lists, and will be posted on their respective websites, and in Tulsa Children’s Museum Newsletter

Wednesday October 12, 2011 10:00 AM – 2:00 PM
Target: young children (ages 4 - 7) to include home school groups, stay-at home Moms and children, Day Care Centers

Tulsa Geoscience Center Activities

October 12 is the second annual “National Fossil Day” sponsored by the National Park Service, U.S. Department of the Interior, in conjunction with Earth Science Week, www.nps.gov

Fossil Activities using our Fossil Collections will include:
1. Take home fossil imprints made in “mud” (plaster)
2. Take home fossil rubbings on newsprint (colored pencils, crayons)
3. Fossil imprints in play dough and sculpey “dough”
4. Fossil Dig: two “Fossil Dig” rooms with giant sand boxes are “seeded” with thousands of ammonite, brachiopods, shark teeth and echinoid “sand dollars” real fossils—kids pick their favorite to take home, including an ID illustrated card
5. Fossil story: seven year old Kylie’s true story of finding a rare fossil May 2010 on a family trip to the Badlands
http://www.nps.gov/badl/photosmultimedia/kylies-fossil-find.htm

Fluorescent Rock Room: Time permitting
1. Looking at everyday fluorescent products in a darkened room (Irish Spring, vaseline, oil, tonic water, ink)
2. Discovering secrets hidden on $5, $10, $20 bills
3. Owl story: special vision
4. Glow in the dark insects; lightning bugs and scorpions (mounted specimen)
5. Smile: surprise yourself teeth
6. Fluorescent marker “hand art” in the “dark” (under black lights)
Earth Science Week: It’s Official in Oregon

Posted on October 9, 2011

WHEREAS: Geology and the other earth sciences are fundamental to the safety, health and welfare of Oregonians and to the economy of Oregon; and
United States Geological Survey (USGS) Blogs

Our Ever-Changing Earth: Science to Understand, Prepare for, and Mitigate the Risks of Change

As a 5.8-magnitude earthquake near Mineral, Virginia, sent a jolt through 22 eastern states in August, many were surprised and frightened.

As roads, homes, and farmlands were swamped by flooding from melting snowpack and spring rains, and as more property, roads, and even century-old covered bridges were washed away by flooding brought on by hurricanes this summer, many were caught off guard by the record-breaking water levels.

As severe drought conditions in Texas caused die-offs of fish and wildlife and helped fuel widespread wildfires that forced residents to quickly gather family and escape to shelters, many were not prepared for the damages to their natural resources and homes.

As climate change alters the ranges of species (such as moose and deer), the reliability of vegetation (such as boreal forests), and the predictability of weather in the Arctic, residents have become concerned about their safety, their sources of food, and their livelihoods.

Unexpected hazardous events and changes to the world around us can be devastating.

But USGS science can help remove the element of surprise.

USGS CoreCast
2011: The Year of the Flood
Transcript and Details
Climate Connections: Questions from North and South Carolina
Transcript and Details
East Coast Earthquakes
Transcript and Details

2-278
10/11-10/15: Earth Science Week @ Science City (Union Station Kansas City)

Date: 2011-09-15, 12:32PM CDT
Reply to: mchristopher@unionsation.org

A week of fun with Earth Science!

- Location: Union Station Kansas City
- It's NOT ok to contact this poster with services or other commercial interests
Welcome to the 27th Annual Symposium

Symposium Schedule

Saturday, October 8, 2011
Earth Science Week Expo – Mayagüez Mall
9:30 am – 9:30 pm:
Come and join us for a day-long expo to celebrate Earth Science Week. The Department of Geological Sciences and the Puerto Rico Seismic Network from the University of Puerto Rico - Mayagüez Campus is organizing this event for everyone to come and learn about Geology, earthquakes, tsunamis, preparedness and much more. Our exhibitors will be available all day. Don’t miss this great opportunity to learn more about Earth Sciences.
Pictures from Earth Science’s National Fossil Day Oct. 15

Earth scientists from UALR celebrated National Fossil Day with an open house from 9 a.m. to 2 p.m. on Saturday, Oct. 15, on the first floor of the Science Lab Building where the public could view actual fossils and casts of fossils from the university’s collection and from other institutional collections.

Joe Daniel, a paleontologist and an alumnus of the UALR geology program, said National Fossil Day moments — pins, postcards, posters, magnets, and other items — were given away. UALR faculty and students were present to answer questions.

“The event was open to the public and all ages welcome. People were welcome to bring any fossils they might like identified or that they can compare to those on display. Over 500 million years of Arkansas’s history was exhibited.”

Fossils discovered on the nation’s public lands preserve ancient life from all major eras of Earth’s history.
A Walk Through California's National and State Parks

October 29, 2013, 12:20 PM

Celebrating National Fossil Day

Wednesday, October 30, 2013, was this year’s National Fossil Day and if you missed the festivities, you can still celebrate our Earth’s natural history by visiting your local, national, or state parks. To learn more about fossils and the UCMP, check out the East Bay Science Cafe next Wednesday, November 6, when UCMP’s Dave Lindberg will talk about “The History of Kelp Forests: Global and Local Surprises.” You can also hear from UCMP graduate students, Janna Judge and Rosemary Romero, at Discovery Days at AT&T Park on Sunday, November 3, one of the many events at this year’s Bay Area Science Festival.

Category: UCMP events, Uncategorized
Observing Earth Science Week and National Fossil Day

October 14, 2011, 10:00 AM by Dave Smith

UCMP and The Paleontology Portal are proud to observe this year’s Earth Science Week (October 9-15) and second annual National Fossil Day (October 15) by (1) launching an interactive map of National Park Service (NPS) areas that preserve fossils; (2) presenting an East Bay Science Café talk; and (3) sharing Bay Area fossils with the public in the upcoming Bay Area Science Festival.

1. Launching a new interactive map
   The mission of National Fossil Day, hosted by the NPS and the American Geological Institute, is to — as the NPS website states so nicely — “…promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.”
Events

National Fossil Day

Wednesday, October 12th, 2011

Details available late summer.

National Fossil Day is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

Join paleontologists at Texas Memorial Museum in this nationwide celebration promoting awareness of fossils and the science of paleontology.

For more information contact Pamela R. Owen at 512.232.1533 or send her an email at p.owen@utexas.EDU.
Dear all women (faculty, staff, grad, undergrads) who work in the Geosciences,

Thursday, October 13 2011 is Women in Geosciences Day. To celebrate, let's meet in the Whalerneker Lounge at 5 pm for a Happy Hour drink! I, for one, am psyched to meet all the women doing great geology in the Seattle area!

Sorry for the cross-listing. Please pass this on to anyone I missed and hope you can come!

Best,

Caroline

Caroline A.E. Strömberg, Ph.D.

Estella B. Leopold Assistant Professor in Biology and Curator of Paleobotany

Department of Biology
University of Washington
Box 351800, 24 Kinnear Hall
Seattle, WA 98195-1800

206.543.6887 (office: 406 HCC)
206.221.6724 (lab: 406 HCC)
Fax: 206.685.1728

Burke Museum of Natural History & Culture
University of Washington
Box 353010
Seattle, WA 98195-3010

206.543.0495
Fax: 206.685.3039

ostrom

http://depts.washington.edu/strombrg/
Dear all women in geosciences,

Today’s our day! Hope you can make it to:

The Whalemaker Lounge, at Ivar’s Salmon House
401 NE Northlake Way Seattle, WA 98105

@5pm today, 10/13, for a beer (or two)
Best,
Caroline

> Dear all women (faculty, staff, grads, undergrads) who work in the Geosciences,
>
> Thursday, October 13 2011 is Women in Geosciences Day. To celebrate, let’s meet in the Whalemaker Lounge at 5 pm for a Happy Hour drink! I, for one, am psyched to meet all the women doing great geology in the Seattle area!
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> Sorry for the cross-listing. Please pass this on to anyone I missed and hope you can come!
>
> Best,
> Caroline
> Caroline A.E. Strohm, Ph.D.
>
> Estella B. Leopold Assistant Professor in Biology and Curator of Paleobotany
>
> Department of Biology
> University of Washington
> Box 351800, 24 Kincaid Hall
> Seattle, WA 98195-1800
>
Celebrate Earth Science Week 2011

with
The University of the West Indies Seismic Research Centre

When?
October 10th to 15th 2011
9:00am - 5:00pm

Where?
National Academy for Performing Arts
Hotel Lobby

What?
A Photo Exhibition
Exploring the theme
“Our Ever Changing Earth”

Photographs illustrating the impact of earthquakes, volcanoes and tsunamis in the Eastern Caribbean and around the Globe

Admission Free

The Seismic Research Centre of the University of the West Indies monitors earthquakes, volcanoes and tsunamis for the English speaking islands of the Eastern Caribbean

www.uwiseismic.com
Telephone: +1868-662-4659
Email: info@uwiseismic.com
Facebook: UWSeismicResearchCentre
Twitter: SeismicResearch
Happy Earth Science Week! Check out @EarthSciWeek for more info.
EARTH SCIENCE WEEK UPDATE for December 2011

Earth Science Teaching Prize Eligibility Expanded

More teachers than ever are now eligible to win the Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching, in addition to U.S. teachers, instructors throughout the United Kingdom now may compete for the prize. And the deadline for entries is rapidly approaching!

This award recognizes one full-time teacher from kindergarten to eighth grade, or the U.K. equivalent, for leadership and innovation in Earth science education. The winner will receive a $2,500 prize and a travel grant of $1,000 to attend the National Science Teachers Association (NSTA) Annual Conference in March 2011 to accept the award. To enter the 2012 competition, applications must be postmarked by January 10, 2012.

This award is named in honor of Dr. Edward C. Roy, Jr., a past president of AGI, who was a strong and dedicated supporter of Earth science education. To learn more, U.S. teachers should visit http://www.agiweb.org/education/awards/roy. U.K. teachers should visit http://www.geomsec.org.uk/page10350.html.
Celebrate Earth Science Week

Activities at the UGS
October 10-13, 2011

The Utah Geological Survey hosts hands-on activities for school groups (usually 4th and 5th graders) to celebrate Earth Science Week during October.

Groups are scheduled for 1 ½-hour sessions, during which they will pan for "gold," see how fossils are excavated, learn about rocks and minerals, and observe stream erosion and deposition.

* Earth Science Week is celebrated the second full week of October throughout the nation as well as in other countries. The purpose is to increase public understanding and appreciation of the Earth sciences. Launched in 1998 by the American Geological Institute (AGI), efforts have grown on local, national, and international levels to highlight the vital role Earth sciences play in society's use of resources and interaction with the environment. For more information about Earth Science Week, visit the AGI's website at www.earthsciweek.org.

On your mark, get set ... GO!

... pan for "gold."
EARTH SCIENCE WEEK 2011: OUR EVER-CHANGING EARTH

Earth Science Week is a national project jointly sponsored by the Vermont Geological Society, Vermont Geological Survey of the Agency of Natural Resources, and the American Geological Institute. Numerous other individuals, organizations and businesses also sponsor activities during the week. The annual ESW Week activities usually include Geologists in the Park, a quarry open house at GMG's Middlebury site, a poster contest, and other local events hosted by the Vermont Geological Society, North Branford, Nature Center and Vermont college/universities. For a full list of classroom activities and a poster contest, contact Lisa, 4223 King St, Alexandria, VA 22312.

October 8-15, 2011 - Earth Science Week Celebrates Changing Earth
Contact: Kristie Miller at 802-241-1600
E-mail: kristie.miller@state.vt.us

Location: Various locations in Vermont

Information: Earth Science Week activities promote public and professional awareness of the role of earth sciences in society. The themes vary each year. Annual activities in Vermont include: Geologists in the Park, a quarry open house, guest speakers, a poster contest, and a variety of other events. On the national level, the American Geological Institute (AGI) sponsors several contests and activities. For a list of classroom activities and a poster contest, contact Lisa, 4223 King St, Alexandria, VA 22312.

Interested in becoming a Geologist? Click here to view the Vermont Geological Society page to see why people have chosen careers in geology and why they love it.

Posters from Earth Science Week 2011 and 2009.
Calendar of Events

May 19, 2011 - Vermont Geological Society: Lecture Series
Contact: Stephen Wight, Dept. of Earth Sciences, University of Vermont.
Email: wightst@ethanol.com; Tel: (999) 555-4478; Website: www.earth.com

Information: The program is to offer local colleges (New England - Specials), universities, and high schools the opportunity to invite a member of the VGS to speak at their institution on timely topics within the broad fields of earth and environmental sciences. Any costs associated with the lecturer's travel, lodging and meals are borne by the VGS. The audience for 2010-2011 is Dr. Stephen Wight of the University of Vermont. Dr. Wight's lecture is "Geologic Processes of Northern Forests and Topography in Vermont.

Host: National Council Water Association
Contact: Dr. John Smith, 123 Main St., Burlington, VT 05401; Tel: (802) 555-1234

Location: Headquarters, Burlington, VT
Information: See web site.

Host: Dept. of Geology, Williams College
Contact: Dr. Jane Doe, 123 College Ave., Williamstown, MA 01267; Tel: (413) 555-1234

Location: Williams College, Williamstown, MA
Information: See web site; Visit of $475/150

NEFU 2011: One Year Changing Earth

Contact: Marilyn Gates; Tel: (802) 555-1234

Event: various events, including exhibits, workshops, and other activities across the state.

Contact: Marilyn Gates; Tel: (802) 555-1234

Event: various events, including exhibits, workshops, and other activities across the state.

October 12, 2011 - National Fossil Day
Host: National Park Service
Contact: See web site for information: http://fmnp.nps.gov/geo/geocon/national fossils/
Virginia Association of Science Teachers (VAST)
http://www.vast.org/

Community Announcements

POC Update: Deadline for presentation proposals for 2011 VAST POC is June 15. To submit a proposal, click here.

New Science Teachers

NSTA is pleased to announce that the deadline for applications to the 2011 New Science Teacher Academy has been extended to July 1, 2011. Now entering its fifth year, the New Science Teacher Academy is one of NSTA’s premier programs providing professional development and mentoring support to 2nd and 3rd year secondary science teachers.

2011 Earth Science Week will be celebrated October 9-15. To learn more about this week and to pre-order your 2011 Toolkit, please visit the Earth Science Week site at www.earthsciweek.org/. You may also call the AGI Publications department to place your order at 703-379-2480.

The Virginia Department of Education is pleased to announce the 2011 Virginia Science Institutes for STEM Education (VSISE). The VSISE are the next generation of the Virginia Science Standards Institutes (VSSI) which have been conducted for the past 15 summers for fourth and fifth grade teachers. Click here for more information.

The Virginia Initiative for Science Teaching and Achievement (VISTA) applications are posted on the VISTA website (vista.vmi.edu). Information regarding the Elementary Science Institute, Middle and High School Teacher program, New Science Coordinator Academy, and Science Education Faculty Academy is available.

Virginia Wildlilfe Magazine for VAST Members

2-293
Virginia.org
http://www.virginia.org/Listings/EventsAndExhibits/NationalFossilDayattheVirginiaMuseumofNaturalHistory/

The Virginia Museum of Natural History is taking part in the second National Fossil Day. National Fossil Day promotes awareness and stewardship of fossils—the record of evolving life on a dynamic planet—and fosters greater appreciation of their value by scientists and educators.
Celebrate paleontology at a National Fossil Day event today (nature.nps.gov/geology/nation...)!
EARTH SCIENCE WEEK UPDATE - American Geological Institute

Vol. 6, No. 12: December 2010

IN THIS ISSUE:
* Deadline Coming Up for Earth Science Teacher Award
* Help NAGA Promote Groundwater Awareness
* Dive Into Ocean Studies During EE Week in April
* National Fossil Day Contest Names Winners
* AGU Events Advance Education and Outreach
* DuPont Contest Invites Students' Science Essays
* GSA-Geodanet Seeks Out Educators
* GeoConnection Network: Join on Facebook
* SSA Offers Path to Lead in Science Education
* NSTA Offers Links to Free Science Resources

Deadline Coming Up for Earth Science Teacher Award

Last three weeks to get January 5 is the deadline for applications for the 2011 Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching, offered by AGI and the AGI Foundation. Each year, this award recognizes one full-time U.S. teacher from kindergarten to eighth grade for leadership and innovation in Earth science education.

The winner will receive a $2,000 prize and an additional $1,000 to enable the recipient to attend the National Science Teachers Association (NSTA) Annual Conference in San Francisco in March 2011 to accept the award. To be eligible, applications must be postmarked by January 5, 2011.

This award is named in honor of Dr. Edward C. Roy, Jr., a past president of AGI, who was a strong and dedicated supporter of Earth science education. The 2011 award ceremony will be hosted by the National Earth Science Teachers Association at the NSTA Conference. To learn more, visit http://www.agiweb.org/education/awards/ed-rsrc.
**Webstatschecker.com**
http://www.webstatschecker.com/stats/keyword/geology_2011

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**Keyword Stats for:**

domain: geology 2011

Keyword Suggestions for: **geology 2011**

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Whatsonwhen.com
http://www.whatsonwhen.com/sisp/index.htm?fx=event&event_id=241683
Earth Science Week 2011 Contest Themes Announced

Earth Science Week 2011 Contest Themes Announced

FOR IMMEDIATE RELEASE

Contact: Geoff Campbells
July 7, 2011, 10:30 am


View/Download

Zombielyrics.com
Do you enjoy digging in the ground? Or perhaps just digging for excuses to take off of work? Then grab your Mighty Jacks and binoculars and get yourself to the worldwide opening of National Fossil Day, a celebration of dead and buried stuff that kicks off this morning on the National Mall.
National Fossil Day is Saturday at Carlsbad Caverns

CARLSBAD Caverns National Park, N.M. - Are you fascinated by fossils? Come to Carlsbad Caverns National Park on National Fossil Day on Saturday, Oct. 8, when park rangers will lead special children's activities and guided tours.

Throughout the day, children may earn a commemorative badge by completing a Junior Paleontologist booklet.

Participants on National Fossil Day tours must be at least 12 years old and have a general admission ticket. General admission costs $6 for adults; children 15 and younger get in free.
Explore Earth, space with ASU scientists, Nov. 5
October 10, 2011

The public is invited to spend a day exploring Earth and space with ASU scientists from 9 a.m. to 3 p.m., Nov. 5, in the Udallman Physical Science B-wing, at Arizona State University’s Tempe campus (map). The event is designed to engage and excite the more than 1,000 kids, parents, educators, and other community members that are touched by the activities.

Earth and Space Exploration Day provides a variety of science-related interactive activities for children ages five and up and anyone interested in exploring Earth and space alongside real scientists.

For 14 years faculty and students in the School of Earth and Space Exploration in ASU’s College of Liberal Arts and Sciences have sponsored the event and used it as a means of connecting the community with science.

“This event is always an eye-opening experience for kids from Maricopa County, where world-renowned professors and researchers come to show families that science and scientists are fun,” says Professor Thomas Unique, coordinator for the annual event. “We aim to create highly memorable, exciting and interactive experiences for children and their families, and give them the opportunity to learn how

related stories

ASU invites community to explore Earth, space

The annual Earth and Space Exploration Day offers museum tours, hands-on activities, experimental demonstrations and public lectures for kids ages 5 to 95.

read more
Hinckley museum to celebrate National Fossil Day

Posted Oct. 07, 2011, at 6:04 p.m.

HINCKLEY, Maine — L.C. Bates Museum on the campus of Good Will-Hinckley will celebrate National Fossil Day from 1 to 3 p.m. on Saturday, Oct. 8.

The museum, located on Route 201, will examine fossils and have a life-size model of a Tyrannosaurus Rex on display.

Other upcoming events for the museum include extreme animals 1-3 p.m. on Monday, Oct. 10, where guests can learn how certain animals push their limits.

Night at the Museum is 6:30-7:30 p.m. on Wednesday, Oct. 12, where guests can learn about Maine minerals and rocks.

Admission is $3 for adults or $1 for kids ages 12 and under. The museum is open 10 a.m.-4 p.m. Wednesday-Saturday, 1-4 p.m. Sunday, or by appointment. For more information, call 279-4100 or visit email lbates@GWV.org.
Tate celebrates Fossil Day

The Tate Geological Museum will celebrate the Second Annual National Fossil Day from 3:30 p.m. Wednesday, Oct. 12, at the museum. The celebration will consist of an open house with lots of free information for the first 70 children ages 5-12.

At 5:30 p.m., Russell Hawley, Tate education specialist, will present "The History of Tyrannosaurus rex," and at 6 p.m., Kent Sundell, Ph.D., Casper College geology instructor, will present "The Story of Lee Roy." Both presentations will be given in the Sharon D. Nichols Auditorium.

In addition to the event, "Guess the Weight of Lee Roy" will begin. The person who guesses the correct weight of Lee Roy by the Dec. 3 deadline will win a $200 gift certificate to the Tate Geological Museum Gift Shop.
Caldecott Tunnel fossil finds topic of talk

DANVILLE -- A presentation on the fossil finds turning up at the Caldecott Tunnel construction site will be held Wednesday at 2 p.m. at the Village Theatre, 203 Front St.

Ivy Morrison, the Caldecott Tunnel information officer, fourth bore Construction Manager Bill Bonnman and a local geologist will make the presentation.

It will include a DVD of the tunneling machine in action, the history of the tunnel, and some of the plant and animal fossil finds being made.

Complete Article, 133 words (1)
Little Argus: Sept. 24
From the Current-Argus
Posted: 09/23/2011 06:00:11 PM MDT

Today

National Fossil Day

There will be special children’s activities and guided tours for National Fossil Day, Saturday, Oct. 8, at Carlsbad Caverns National Park. Tours will be held at 9 a.m. and 1 p.m., free activities for kids will be held from 11 a.m. to 12:30 p.m. Reservations: (575) 785-3134.
Dinosaur Depot to host free day

By CARLEE CANTERBURY carleecan@canoncitydailyrecord.com
Posted: 10/22/2011 09:09:00 AM MDT

The Dinosaur Depot Museum will host a free day from 10 a.m. to 4 p.m. Saturday in honor of National Fossil Day. Originally scheduled for Oct. 8, the outdoor events had to be rescheduled because of inclement weather.

In addition to free admission Saturday, there will be special activities for children under 12, and the museum will showcase a website and virtual quarry tours that were accomplished in collaboration with the local Bureau of Land Management Royal Gorge Field Office.
**Tiempo calendar: Things to do this weekend**

**Saturday**

15

**Enrique Iglesias** – The Latin pop singer's dance-heavy “Euphoria” tour will stop at the Don Haskins Center at 7 p.m. Saturday. Rapper Pitbull and newcomer Prince Royce will open. $12.75, $32.75, $72.75, $92.75 through the UTEP Ticket office, 747-6594, and Ticketmaster.

**El Paso Chopin Music Festival** – Pianist Richard Dowling will perform at 7:30 p.m. Saturday in the Chaminade National Memorial Theater, 800 S. San Jacinto. Free. The festival’s final concert will be Oct. 29 by Lucy Scarlott, 584-1895, elpaso-chopin.com.

**Indian & Spanish Market** – The fifth annual market, with Native American arts and crafts, Southwest decor and native foods, will be from 9 a.m. to 5 p.m. Saturday at El Paso Saddlerblanket Co., 6326 Gateway East. Amado Perla will be the keynote artist. Native American dancing will be highlighted. 544-1300, saddlerblanket.com.

**El Paso Psychic Fair** – Fourteen professional psychics will be at the fair from 11 a.m. to 7 p.m. Saturday and Sunday at the Hawthorn Inn, 1700 Airway. $5 admission for both days, free admission for active-duty military with ID. Private readings, which are available in English and Spanish, cost extra. ElPasoPsychicFair.com, 346-2245.

**Civil War re-enactment** – The Friends of Fort Selden will give a living history demonstration, with skirmishes, an encampment, cannon and rifled-muzzle demonstrations, and more, from 2 to 4 p.m. Saturday at the El Paso Museum of History, 510 N. Santa Fe. Fort Bliss’ role in the war will be highlighted. Free. tayford@elpaso.gov, 581-3256.

**Concordia Walk Through History** – Volunteers portraying early El Paso citizens, pioneers, ranchers, Buffalo Soldiers, gunfighters, shady ladies and more will talk to visitors from 11 a.m. to 3 p.m. Saturday at Concordia Cemetery, 3700 E. Yandell. $5, $3 for seniors, military and students 12 and older; $1 for younger students. concordiacemetery.org, 581-7520, 581-2226.

**Huachuca Tanks Interpretive Fair Weekend** – Native American dancing and drumming, folklorico and matalchin dancers, photographs, binding and nature tours, and demonstrations will be featured Saturday and Sunday at Huachuca Tanks State Park & Historic Site, about 30 miles northeast of El Paso off US 82/180. Events will be 8 a.m.-3 p.m. Saturday and 8 a.m.-6 p.m. Sunday. Free. celebritie.org/?p=1463.

**Earth Science Week celebration** – Science demonstrations, silent auctions of rocks and minerals, lectures and more will be featured during the celebration from noon to 4 p.m. Saturday in the UTEP Geological Sciences Department, 800 W. University. Free barbecues will be from noon to 2 p.m. 747-5410, scmail@utep.edu, geol.utep.edu/earthweek.
Jr. paleontologists for the day, RPS students teach why fossils rock

Third-graders collected over 200 specimens from Poncey Park for their geology museum

BY JENNIFER KOHLHEPP

A night at the museum has nothing on a museum in school for the day Roosevelt Public School third-graders welcomed fellow students into their geology museum on Oct. 12 to present their findings from a fossil study conducted with specimens collected on a class trip to Poncey Park Conservancy in Middletown on Sept. 20. Teacher Irene Lemon takes her third-grade class to the fossil beds in the park every year, but this is the first time her students’ discoveries played into a National Fossil Day event for the entire school.

“Probably due to Hurricane Irene, our day of fossil collecting was spectacular,” Lemon said. “We found lots of whole fossils of the clams, muscular and scallops that lived in the waters so long ago.”
Fossil Day is Wednesday in Bismarck

Attention avid diggers and casual explorers: Do you have an interesting fossil find, but you’re not quite sure if it’s something big?

We’d love to see it!
HUFFPOST HILL - Swipe Fee Fight, Pt. 432,532,927

BlackBerrys crashed, which is why you overheard all those Twitter-deprived K Street types yelling “POOKO! SIGN BLACKBERRY OUTAGE!” in the Langworth cafetaria. A week after Scott Brown said railed Elizabeth Warren will turn heads to show, the Massachusetts GOP accused her of using her Senate seat to push out national job creators. And former Godfather Pizza CEO Herman Cain has taken his lead in the Republican primary, a boon to all those single-issue voters who only want a national system of free Pizza refills. This is HUFFPOST HILL for Wednesday, October 12th, 2011.

SENATE TO CONSIDER APPROPRIATION BILLS

TWITTERAMA

@toddzwilich: Rep. Pete DeFazio (D) shows up late for a committee hearing: "My iPhone is on West coast time it didn't wake me up properly."

@ethanklapper: Nothing. RT @didigpol: What did one BlackBerry user say to the other BlackBerry user?

@pourme咖啡: It's National Fossil Day! bit.ly/9RLMNV Fossils go back thousands of years to when Earth was created out of nothing.
The Illinois State Museum is partnering with the National Park Service for National Fossil Day on Wednesday, Oct. 12, in hopes of raising awareness of the scientific and educational value of fossils. Dr. Jeff Sanders will conduct interactive fossil presentations in the Maize Seed Hall from 10 a.m. to noon. Visitors can create...
To coincide with National Fossil Day (10 October) in the United States we take Aniakchak National Monument and Preserve, which derives its name from a 6-mile (10-kilometre) crater that sits midway down the Alaskan Peninsula.
For the past week, countries around the world have celebrated the discovery and exploration of our planet. Every October, Earth Science Week provides an opportunity to share wonder and curiosity about our planet. This week, NASA and other agencies are celebrating the spirit of exploration with a series of research flights to distant locations. And of course, this week around the central celebrations of the first Europeans...
Grand Canyon National Park to Celebrate Earth Science Week
October 9 – 15, 2011

(Grand Canyon, AZ) - Grand Canyon National Park will celebrate Earth Science Week and National Fossil Day by offering a variety of special programs and events during the week of October 9 – 15, 2011. Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the world’s most well known and most scenic geologic landscapes.

National Fossil Day is Wednesday, October 12 and is a part of Earth Science Week. National Fossil Day is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

Grand Canyon National Park will offer a variety of other special programs to commemorate Earth Science Week. Daily Fossil Walks will be offered from Sunday, October 9 through Saturday, October 15. Fossil Walks begin at 10:00 AM, meet at the patio behind Bright Angel Lodge and will visit a fossil bed containing the remains of a variety of marine organisms exposed near the rim of Grand Canyon. The programs will last approximately one hour and include an easy 1/2 mile walk.
**Getting kids to dig it**

Posted: Thursday, Oct 6th, 2011
By: Ben Bandfield, Gazette Reporter

"Hey, Hey! What do you say! Let's have a National Fossil Day! We'll think about the Earth's prehistory and study paleontology!" song artist Jeff Wolin in the chorus of the National Fossil Day Song.

National Fossil Day is a celebration that started on Oct. 12, 2010 to promote awareness and stewardship of fossils.

"National Fossil Day is a part of Earth Science Week," Fossil Butte Lead Interpreter Marsha Fagnant said. "The day was originally the concept of the Geologic Resource Division in Denver, Colorado. It was then presented to President Barack Obama who declared it a part of Earth Science Week."

Not only did President Obama declare National
ND Celebrates National Fossil Day

Bismarck resident Marc Sundquist wanted to find out if there's anything special about a buffel skull he found in a creek about two years back. "I just thought, someday, I'd like to find out how old it might be and if there's any value to it," said Sundquist.

The North Dakota Geological Survey and the State Historical Society hosted the event. Even though few fossils are more concerned about gaining a better understanding, they also hope to add a little luck on their side. "Maybe it's worth a lot of money. I don't know," said Sundquist.

Sundquist said that not much could be determined about his rock but it appears to be a mudstone, and holes in it were made by snails and other critters burrowing.

Sundquist got better news. He said that the skull was estimated to be 5,600 to 10,000 years old. The value couldn't be determined but that doesn't seem to bother Sundquist, who plans to hang it in his wall because it will make a good conversation piece.
Idaho Museum of Natural History Unveils New Exhibits

change is coming to the Idaho Museum of Natural History with many new exhibits that have a little something for everyone.

Wednesday, the Museum will unveil seven new exhibits to the public in honor of National Fossil Day. The new collections include one on the Tribes of the Amazon, The Nature of Banks, Gems of the Gem State including a 5,385 carat quartz and a skull of the newly discovered Usabergerptus that measures seven feet in length. Dr. Laff Tapankia, Curator of Earth Sciences at the Museum, says that the dinosaur is similar to another animal living today.

"Fossils are minicoops with this skull on it," said Dr. Tapankia. "Its got about the same body size and it's a herbivore just like a minicoot is today. It would have been roaming around the swamps of southern Utah 15 million years ago."

But the similarities do not end there; Dr. Tapankia says it is also very similar to animals here in our backyard.
UTEPE Celebrates Earth Science Week

POSTED: 19:26 am MST October 13, 2011
UPDATED: 8:14 pm MST October 13, 2011

EL PASO, Texas – UTEP is celebrating National Earth Science Week with a host of events and science activities for the whole family Saturday afternoon.

The theme for this year’s event is “Our Ever-Changing Earth” and aims to engage the public to learn about the natural processes that shape the earth.

The event starts at noon and continues until 4 p.m. and includes demonstrations and activities about weather phenomena, volcanic eruptions, plate tectonics, and earthquakes.

There will also be a free barbecue from noon until 2 p.m. outside the Geological Sciences building.

There will be a coloring contest, rock and mineral silent auction, guided tours of the Kidd Geoscience Station, guest lectures, and more.
Mineral Wells Fossil Park offers pieces of a time past
Photo (4/28/2013 9:05 AM)

Travel back in time, 260 to 320 million years ago, to findusch surrounded by coalbeds, fossils and coal itself that is today Pale Fossil County.

The oldest of the county's five fossil beds is located northwest of Mineral Wells. Head west on Highway 110 about two miles, turn right on Indian Creek Road and keep going until the road ends at the Mineral Wells Fossil Park. Saturday, amateur and experienced paleontologists flooded into the calcite parking lot for the Cordell Fossil Dig to highlight National Earth Science Week.

Children of all ages, young and old, dug for pieces of ancient history. "Children learn about the past to understand the present and the future," Mineral Wells Chamber of Commerce Ambassador John Lippman stated as he waved a shovel. "They saw a well-received and well-attended for a new event," Beth Watson, chamber executive director, said. "There were主要是从 Stephenville and Carrollton."

Read the entire Sun online
Five Things You Need To Know: October 13

1. Today is National Fossil Day! The Oak Bluffs Public Library is celebrating the event with Fred Hotchkies, director of the Marine & Paleontological Research Institute. Children are invited to bring in their own fossils and discover what others have collected from 4 to 7:30 p.m.

2. Don’t miss a chance to support Oak Bluffs Public Library at Flatbread Company on Thursday, October 13. A portion of all pizza sales will benefit the library from 5 to 9 p.m. A portion of all pizza sales will benefit the library from 5 to 9 p.m.

3. Martha’s Vineyard has a cornucopia of wild foods. Today is your opportunity to learn about them all. Join Felix Neck Wildlife Sanctuary Director Susan Belimi and learn how to identify and prepare wild edibles that can be found in your backyard and island neighborhood. Students should dress for the weather as we will be outside for portions of the class, which is co-sponsored by ACE MV. The five-class series starts...
L.C. Bates Museum announces events
Morning Sentinel Staff

FAIRFIELD — L.C. Bates Museum has scheduled the following October events:

* National Fossil Day will take place from 1 to 3 p.m. Saturday at the museum. Participants can examine fossils and visit the life-sized model of a Tyrannosaurus Rex skull.

* An extreme animals program is set for 1-3 p.m. Monday. Individuals can tour the museum to find and learn about the extreme animals. The creatures push the limits of edibility, color or size.

* A new exhibit at the museum, a program will focus on Maine minerals, from 6:30 to 7:30 p.m. Wednesday. Participants can learn about the rocks and minerals found in Maine.

* A Halloween program will be from 1 to 3 p.m. Saturday, Oct. 29. Participants can explore spooky, scary creatures of the night.

* The museum will present its popular Animal Tinkers and Treasures, about the animal tracks found in Saturday with a Halloween twist, from 1 to 3 p.m. Sunday, Oct. 30.

* The winter program is scheduled from 1 to 2 p.m. Saturday, Nov. 12. The program will discuss how animals get ready for a chilly Maine winter.

* Wookie children's programs begin at 10 a.m. Saturday. The programs include: Archaeology Explorations, Oct. 6; Leaf Printing, Oct. 15; Birds Traveling Migration, Oct. 22; and Scary and Creepy Animals, Oct. 29.

For more information, call 238-4259 or email lbates@pem.org.

Were you interviewed for this story? If so, please fill out our accuracy form.
UM to hold events for National Fossil Day

Montana has some of the best deposits of ancient fossils on the continent, and paleontology fans can celebrate them next Wednesday during National Fossil Day.

"It's a real, federal event, from the Smithsonian Institution all the way to Bozeman and Missoula," said University of Montana Paleontology Center director George Stanley. UM's gathering features a lecture, tours of the campus fossil collection, children's activities and light refreshments from 6 to 8 p.m. in the Clapp Science Complex lecture hall, Room 131.

Among the expected guests is Mary Douglass Irerson, granddaughter of UM's first master's degree recipient, Earl Douglass. The senior Douglass studied geology in 1899 and went on to discover what became Dinosaur National Monument in Colorado and Utah - one of the nation's biggest deposits of fossil bones.

On a larger scale, the National Park Service has put up a website listing other Fossil Day events, a national photography contest, and where to find educational materials about prehistoric life. Find it at www.nature.nps.gov/geology/nationalfossilday.

"Dinosaurs, woolly mammoths, birds with 17-foot wing spans - these would all just be images in our imagination if not for fossils," said National Park Service director Jonathan B. Jarvis. "Fossil discoveries, such as Kylie's saber tooth skull, provide us with insight and clues about the world as it existed before us. More than 200 national parks preserve fossils and it is an incredible feeling to stand in a spot and see the embedded remains of life from long ago."

Reporter Rob Chaney can be reached at 523-5382 or at rchaney@missoulian.com.
It's Fossil Day at National Monument

KIMBERLY - The John Day Fossil Beds National Monument is celebrating National Fossil Day with an open house at the Thomas Condon Paleontological Center on Wednesday, Oct. 12.

The day is part of Earth Science Week, and the Center will be offering activities for all ages to gain a greater appreciation of the fascinating fossils of the Age of Mammals.
Dinosaurs Take Over the National Mall

National Park Service celebrates Fossil Day with roaring celebration

By Monique Hayes | Thursday, Oct 13, 2011 | Updated 11:18 PM EST

“Dinosaur Train” characters stop by the National Mall.
Neosho Daily News
http://www.neoshodailynews.com/highlight/x1038184167/COMMUNITY-CALENDAR-
Schedule-of-local-events

COMMUNITY CALENDAR: Schedule of local events

Neosho Daily News
Posted Oct 8, 2011 @ 11:14 PM

Neosho, Mo. — Sunday, Oct. 9
• Learn about George Washington Carver and mycology 1 p.m. at George Washington Carver National Monument. During this 30-minute presentation, learn about Carver’s interest in mushrooms and how to find and identify mushrooms that Carver may have seen on the Diamond Grove Farm. At 3 p.m., hide of Earth Science Week by learning about Carver and geology in the park. Wear rain boots or shoes that can get wet as the group will wade the creek to search for rocks and fossils. For more information: email: GWCA_interpretation@nps.gov.

Monday, Oct. 10
• The Genealogy Friends of the Library will hold their monthly meeting at 6 p.m. in the genealogy room of the Neosho Newton County Library. Light snacks will be served. Anyone interested in genealogy is welcome to attend.
• A Red Cross blood drive will be held from 2 – 6 p.m. at Walmart in Neosho.
Earth Science Week field trips fun for families

By Sarah Reaver
sreaver@nevadaappeal.com

Every October for the past 14 years during Earth Science Week, hundreds of Northern Nevadans join the University of Nevada, Reno, and Nevada Bureau of...
National Fossil Day at Ladonia Oct. 15

By news release
Oct 14, 2011

As plans continue for the upcoming National Fossil Day Workshop in Ladonia, the list of subject matter experts in paleontology grows. Van Turner was added to the list this week as an attendee and will be available to discuss his notable fossil find with those at the event.

The National Fossil Day Workshop is being held at the Fannindel School Cafeteria on Saturday, October 15, beginning at 9:00 a.m. It is being sponsored by a number of partnering organizations that include the City of Ladonia, the Ladonia Chamber of Commerce, the National Park Service, the Bosque Arc Chapter of Texas Master Naturalist, and the Dallas Paleontological Society. Topic for the workshop is “Hunting in the North Sulphur River Fossil Beds.”
National Fossil Day

Wednesday, October 12, 2011
10 AM to 5 PM
Museum of Nature & Science
3335 Grand Avenue, Dallas, TX

Age Limit
All ages

Celebrate the fascinating world of fossils at MNS with special stage show Paleontology 101, fossil casting, shark-tooth dig, and fossil rubbings. Planetarium presentations will also tie prehistoric paleontological themes into Planetarium presentations.

Paleontology 101 - 11 am and 1 pm - Have you ever wondered what methods paleontologists use to try to uncover so much about dinosaurs, such as when they lived, what they ate, what they looked like, even what colors they were? Join us for a journey into the world of dinosaur science and learn about these fascinating creatures and hear about brand new discoveries!
Every school, every week

3:47 PM, Nov 1, 2011 | 0 Comments

FILED UNDER
News

MENASHA SCHOOLS

Community Learning Center:
Butte des Morts After School Matters received a Quany Quest grant. Students participated in Earth Science Week during After School Matters and learned about rocks, soil and sand and fossils. Students also took a trip to the University of Wisconsin-Fox Valley campus and received a tour of the Weir Earth Science Museum.

Butte des Morts Elementary:
The first quarter of the 2011-12 school year ends on Friday.

There will be no school next Tuesday for staff development.

The Parent-Teacher Organization will host a cookie and cider day on Nov 9.
Dinosaur museum offering free admission

Wednesday, Oct 12 2011, 1:02 am

Special to the QCS

Mesalands Community College’s Dinosaur Museum will be celebrating National Fossil Day with free admission to visitors under the age of 12, accompanied by an adult on Friday and Saturday.

National Fossil Day is an event sponsored by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.

“This is a great opportunity to increase awareness of the importance of preserving fossils and promoting science education,” said Axel Hungerbuehler, Natural Sciences/Museum curator and a faculty member at Mesalands.

During National Fossil Day the dinosaur museum will have a new exhibit entitled, "Student Field Discoveries." This exhibit will showcase fossils that were discovered in Quay County during the summer paleontology field discovery classes at Mesalands. This exhibit will also include fossils collected by younger students, ages 9 to 12 during Summer Adventure Camp.

“We would like everyone to come out to the Museum on National Fossil Day to learn more about plants and animals that lived millions of years ago, and how we preserve these fossils for future generations,” said Gretchen Gutier, director of the Dinosaur Museum.
Quarry to host open house

MIDDLEBURY — To celebrate Earth Science Week, Omya’s Middlebury quarry is hosting an open house on Oct. 15, starting at 10 a.m. Buses will shuttle visitors from the surface to three activity stations in the quarry.

Various family activities to learn more about Vermont’s geology include rock collecting, mineral testing and a scavenger hunt. Attendees will also help create an earth science mural while big trucks, drills and mining equipment will be on display. Children will be able to play in a pile of marble sand.

The final bus tour into the quarry departs at 3 p.m.

Omya’s Middlebury quarry is located east of Route 7, two miles south of Middlebury. Signs and balloons will indicate directions to the quarry the day of the event.

For more information, contact Jodie Valente at (802) 770-7217, or visit www.omyainvest.com and click on Middlebury Quarry Open House.

Follow us on Facebook and Twitter. Get daily news and sports updates via email.
Santa Paula's museums line up for Chamber GMSP presentation

By Peggy Kelly
Santa Paula News
Published: November 18, 2010

A group of Santa Paula's museum attractions was the attraction itself at the Chamber of Commerce's October Good Morning Santa Paula held at Board of Trade The Old Times Inn.

The Chamber-sponsored event featured representatives from the city's four museums that could make it a new site - "Tolosa Capital of the World!"

Nate Plaskert, director of the newest offering, the Museum of Ventura County Agricultural Museum (MVAC) AGR, told the audience it was his first visit to GMSP and he had "no idea I was going to speak...[but] we recently opened and had a great turnout." The museum has 1,500 square feet of display area and gallery space.

The MVAC is also working with the city's other museums and attractions while "working out our own kinks," a theme to the event's theme. The museum (located on Railroad Avenue at Mill Street) is open 11 a.m. to 5 p.m. Tuesday through Sunday and, said Plaskert, "We hope we can maybe get in sync with the other museums' hours" to provide multiple visiting opportunities at the same time.

John Chustra, of the Santa Paula Art Museum and site of an exhibition by Executive Director Jennifer Heidig: "One of the main priorities is to exhibit works from the Santa Paula Art Collection," of works collected by various public entities since 1937, when the inaugural Santa Paula Art Show was held. The collection is owned by the school district, library, and city, but the museum, said Chustra, is installing it in its own collection.

Rotating exhibits are regular attractions, including the present "Boats." "and last" and "Churita - Die Jolene Art Show," and the 4th Annual Art about Agriculture is set to open November 5. In addition, those who come by Douglas Shinyier are being asked to lend their paintings for an upcoming retrospective exhibit on the late artist and teacher, a co-founder of the annual Santa Paula Art Show.

Chustra said the museum also features musical events, lectures and student tours. Located at 117 N. 11th St., the museum is open Wednesday through Sunday, 10 a.m. to 4 p.m.

James Orcutt, executive director of the city operated California Oil Museum, noted Chustra and Chustra Jr. assist his in museum operations and other Valles is the special education organizer. The museum, located at the corner of East Main and 10th streets, offers on donations, grants, store sales and school tours among others for courses.

Permanent exhibits include all the city's, history and transportation, while rotating exhibits can be seen on display at the present Mary Sladicka show to the upcoming Santa Paula Historical Society collection show. The Santa Paula Society of the Arts and Santa Paula High School students also regularly stage exhibits.

While and thousands of students visit the museum for special tours that offer education on the thousands of of oil for peat products, visit the visitors center and the Big Room, and take part in special events such as Earth Science Week and fossil day among others.

The Museum of Santa Paula is almost finished, according to John Chustra, who said the museum "has 10 buildings" that are open on each Saturday of each month from 10 a.m. to 3 p.m. "It's a great place to walk around the museum...we tell people to sit on the picnic table and watch the planes take off."
No Child Left Inside: Playtime Outdoors

Saturday, October 1, 11:00 am
31300 Metropolitan Pkwy, Harrison Township, MI, FREE

Moms and more children are spending playtime indoors, so Metro Beach invites parents to bring their youngsters to the park for Get Out and Play Day.

The park will be filled with plenty of fun and challenging activities for kids and families alike: Nature hikes, scavenger hunts, rock wall climbing, hay wagon rides, orienteering, sand play and castle building, learning about gardening, and enjoying nature songs with family entertainer Joe Reilly.

An obstacle course will be set up for hijinks and kids can enter a free raffle for a chance to win a bike or game. Community groups will be in attendance to show families ways to be more active and enjoy nature all year long.

Event is free with $5 vehicle entry fee. Call 586-463-4332 if you have questions.

Event Details

Posted by: Heidi Bitsoni

Where
31300 Metropolitan Pkwy, Harrison Township, MI 48045

Next on
This event is over.

Time
11:00 am – 3:00 pm

Who to bring
Moms, Dads, Kids, Teens, Families

Website
http://www.metroparks.com

Price
Free with park admission
Earth Science Week and National Fossil Day Events at Glen Canyon and Grand Canyon

NATIONAL PARKS - The National Park Service and the American Geological Institute are once again partnering nationally to host the second annual National Fossil Day on Oct. 9 as part of Earth Science Week, Oct. 9-15.

Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives.

National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.
Digest: Congratulations to seventh grade student Armand Ercoli

By news release
Posted October 26, 2011 at 11:48 a.m.

Congratulations to seventh grade student Armand Ercoli! Armand won first place in the “National Fossil Day™ 2011: Art and Photography Contest” sponsored by the National Park Service and the American Geological Institute. Grifford Middle School is very proud of Armand for winning this national competition.

Report cards for the first nine weeks will be sent home this upcoming Nov. 3. Parents wanting to schedule a conference with their child’s teachers may do so by visiting the Online Conference Scheduling website: http://iris-sms-indian-river.org/conferences/jindex.html. Conferences will be held on the afternoons of Nov. 3 and Nov. 7 as well as the afternoon and evening of Nov. 10.

Grifford Middle School is still in need of Science Fair judges for our school fair which will be held on Dec. 13. If you are interested in judging or have any questions, please contact Mr. Hiser at (772) 564-3582.
National Fossil Day brings out the treasures

Most of the time, the "found" treasures people discover in pastures and creek beds, fields or attics, sit on their shelves or display cabinets as curiosities.

But on Wednesday, National Fossil Day, folks brought them to the Heritage Center to see if a team of paleontologists from the North Dakota Geological Survey could put a name to their discovery.

In canvas bags, coffee cans, cardboard boxes and jars, they brought their bones and their oddities — what they hoped might be meteorites or fossils — remnants of a long-ago age turned, bit by bit over the years, into stones.

Paleontologists Jeff Parson and Becky Gould gave each piece a thorough look over, turning a few over to a geologist for a further opinion.

Once underwater and shoreline of a great inland sea, North Dakota has exotic creatures under its surface — the deeper, the older — paleontologist Amanda Parson said.

Fossils found here can include big fellows like the duck-billed dinosaur, mastodon, mammoth and mammoths, and small creatures who made their homes along the shoreline or shallow waters — chimp, clam, starfish, she said.
Agate to mark National Fossil Day

Agate Fossil Beds National Monument welcomes Dr. Robert Hunt from the University of Nebraska State Museum to speak at Agate Fossil Beds National Monument on Saturday, Oct. 8 at 1:30 p.m. as part of the monument’s observance of National Fossil Day on Oct. 12.

Elaine Steppe, fossil preparator with the State Museum, will also be present to explain the fossil preparation process. Visitors are encouraged to bring in fossils for identification.

Both Hunt and Steppe have extensive experience at Agate Monument, including research and exhibit preparation. They will also answer questions.

National Fossil Day is a part of Earth Science Week, and is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values. The website for National Fossil Day is http://naturereport.nps.gov/geo/geo/nationalfossilday/
Eric Maguire, 2, a first grader at Monroe Avenue School, won third place for his drawing entered into the 2011 National Fossil Day Art Contest. The theme for this year was "Fossils in my Backyard." Eric drew two paleontologists. The one on the left only found rocks. The one on the right found a fossil from each of the periods of history.
Oak Bluffs

How many ways can you describe the beautiful weather we now have? Even though it has been somewhat sandwiched between rain showers, what more could we ask for? Fall flowers are brightening up the landscape and many people at last have time to catch up on all the outside chores at a more relaxing pace.

The uproar over lack of a Town Administrator in Oak Bluffs and the problems it created seems to have calmed down, and most people seem content with the choice that was made. Now if only the powers that be would inform the citizens of the protocol to be used when faced with the problem of loose, aggressive, or injured animals, that would smooth over another area of contention. Until an Animal Control office is on board, what is one supposed to do? Come on, town meeting, if you let everyone know ahead of time the procedure, that could avoid a lot of problems and calm a lot of anxiety.

We send speedy recovery wishes to James Morris Jr., who remains hospitalized at Brigham and Woman’s Hospital in Boston.

The 4th annual Domestic and Sexual Violence Awareness Walk, sponsored by M.V. Community Services, is scheduled for October 8 this year. Registration starts at 10 am and the walk begins at 10:30 am at the Edgartown Park & Ride lot. Tickets are $5 in advance, $10 the day of the walk. Bring the whole family. Water and snacks will be provided. Walk two miles through beautiful, historic downtown Edgartown. For more information or to register, call 508-894-9074, ext. 101.

The United Methodist Church will host the Harvest Supper on Saturday, October 22, at Christ Church, the “Stone Church,” in Vineyard Haven. Can you believe that this will be the 40th annual supper? More details to come, or call the church office at 508-693-4425 for more information.
Watch the video for a quick summary of this week's top headlines and upcoming events.

**Thursday**

**National Fossil Day**. 4–7:30 p.m. Oak Bluffs Library, Oak Bluffs. With Fred Hutchkiss. Bring fossils and see collection. Free. 508-693-9433, smurphy@clamsnet.org.
POORTland Picks
Things for you to do in Portland that are FREE (or so cheap they're almost free)

*A little Led Zeppelin and Earth Science Day*

*Posted October 14, 2011* 10:51 AM

If you want to get your week started off on a fun, take-out, plan to be at The Big Easy Monday for Murder of Crows' weekly funk night. Covers last $5 and the beginning times start at 8 p.m.

If you're a local shopper, you should make plans to head to Yest Frame Shop on the campus of St. Joseph's College tonight. There will be a film screening of 'The Boys of St. Columba' at 7 p.m., followed by a lecture from filmmaker Maurice Piptt. The event is free.

*Portland's Cover to Cover event at The Big Easy has local group Masshe*

Playing the songs of "Led Zeppelin 2" at 8 p.m., Masshe will be doing the songs at Portland's Cover to Cover event. The event is free with your $5 cover charge.

If you'd like to show off your own voice, Biantsi invites you to karaoke night at 8 p.m. It's free.

Those in the Augusta area on Wednesday should take advantage of the free Earth Science Day at Maine State Museum. You'll find scientists, artists, educators and industry professionals on hand. They'll be showing off new ways earth science can help us all meet the challenges of the future and help visitors of all ages discover and explore Maine's geology, from there between 9 a.m. and 5 p.m.

Those looking for some blues-American ears should get to the waterfront and Angry Old Man Pub. David Brown & The Custard House Gang will be playing tonight starting at 7:30 p.m.
UNR hosts annual free geologic field trip

Nearly 200 people participated in the Earth Sciences Week field trip sponsored by the University of Nevada, Reno’s Nevada Bureau of Mines and Geology (NBMG) last year in the craggy landscape of Winnemucca Lake and the Wheeler Peak Mountains east of Reno. This year’s trip is headlined “Life is a Hike: In Search of Ancient Fishes and Fossils in the Gerlach Front and Lahonton Washburn Area.” The tour includes many stops along the way with explanations of the geology and vegetation of the area by NBMG experts.

To continue reading this article, a web site subscription is required.
Glen Canyon National Recreation Area celebrates National Fossil Day
Coming soon, events across the region
A rundown of coming events all over Washington, Oregon, Idaho and British Columbia.

Washington
"Beside the Big River: Images and Art of the
MM-Columbia Indians," through Nov. 15, Maryhill
Museum of Art, Maryhill, Kittitas County. 509-773-3733 or www.maryhillmuseum.org.


Cranberry Fair, A Harvest Festival, Oct. 8-9, Ilwaco. 800-451-2542 or www.fundемся.com

Celebration of Beer, Oct. 8-8, Skewmini, Skamania County. 800-393-7700 or www.skeeminim.com.

Steenosaurus Interpretive Center Celebrates National Earth Science Week, Oct. 8-15, Republic, Ferry
County. 509-775-2295 or www.steenosaurus.org.

Steenosaurus Interpretive Center Celebrates National Fossil Day, Oct. 12-17, Republic. 509-775-2295 or
www.steenosaurus.org.


Entwine Harvest Celebration and Wine Auction, Oct. 15, Walla Walla. 509-526-5161 or


Trending on seattletimes.com:
Most read
1. Seattle Times' critic picks 10 fab restaurants
2. Occupy protesters' barricade claims questioned
3. Greg Halman: A freshman talent, a tragic end
4. New Fries/Flint surface to be installed at CenturyLink Field | Sounders FC Blog
5. "The Descendants" with George Clooney, reviewed | Movie review
6. Tough call: Will the Cougars keep coach Paul
Wulff? | Bed Witters
7. Heavy rain, strong wind stall off-wat
Thanksgiving week
Nothing new here in fossils, but the kids love it

By ALISSA GROENINGER
The State Journal-Register
Posted Oct 15, 2011 @ 11:00 PM

Anna elementary students this past week learned a little about the study of prehistoric life, digging in a re-created excavation site and examining animal fossils at the Illinois State Museum.

The children put on archeologist’s clothes and spoke with a paleontologist at the museum on Wednesday in the second National Fossil Day organized by the National Park Service.

Jeff Saunders, curator and geology chair at the museum, answered questions and showed some of his favorite fossils, including a Triceratops dinosaur footprint, teeth from a Megalodon giant shark and a wooly mammoth tooth.

“Fossils are documents of the past,” Saunders explained. “It is history read from the rocks.”

Remains at the museum are scientific evidence of what Illinois used to be like, including a time when the entire area was under water, said museum director Bonnie Styles, noting that Illinois has a very rich fossil history.

“For me, it’s absolutely fascinating to hold something in your hand that’s millions of years old,” Styles said.

While the children expressed interest in learning more about fossils – that’s why they were there – Saunders said he was impressed with how much they already knew.
Going Out Guide: Free and easy

MONDAY

Good Lovelies

This Canadian girl group has performed its three-part harmonies and folk-style, witty songs for many of our neighbors to the north. Now the group brings its tunes to the Kennedy Center’s Millennium Stage.


TUESDAY

Literary gallery tour

WEDNESDAY

National Fossil Day

What’s not cool about fossils? At this year’s National Fossil Day at the National Museum of Natural History and outside on the Mall, fossil-heads can dig for fossils, learn how they’re formed and how to preserve them.

Earth Science Week Kicks Off with International EarthCache Day

(Targeted News Service Via Acquire Media NewsEdge) ALEXANDRIA, Va., Aug. 2 -- The American Geological Institute issued the following news release: Earth Science Week 2011 will kick-off with the fifth annual International EarthCache Day on Sunday, October 8th. The public is invited to join the Geological Society of America (GSA), organizer of the global EarthCache program, and the American Geological Institute (AGI), Earth Science Week coordinators, in exploring this exciting and educational earth science experience.

International EarthCache Day is a time when EarthCachers around the globe organize small gatherings where people can learn something about the Earth.

An EarthCache is a place that people locate with a GPS device while participating in a "treasure hunt" called geocaching.
Celebrate the second annual National Fossil Day next week at the the Tate Geological Museum.

The open house will feature a fossil fish giveaway, a coloring contest with four age categories, fossil cast activity, museum and Lee Rex "tours," a free tour of Casper College Geology Club "bake sale," door prizes and more.

Beginning at 9:30 a.m., two presentations will be given in the Saran D. Nichols Auditorium. Russell Howley, Tate education specialist, will present "The History of Tyrannosaurus rex," and Kent Sandwell, Casper College geology instructor, will present "The Story of Lee Rex."

The celebration will also mark the beginning of a new contest, "Guess the Weight of Lee Rex." The person who guesses the correct weight of Lee Rex by the Dec. 3 will win a $100 gift certificate to the...
National Fossil Day Celebration to be held at Gray Fossil Museum

JOHNSON CITY, Tenn. — The East Tennessee State University and General Shale Brick Natural History Museum and Visitor Center at the Gray Fossil Site will celebrate National Fossil Day on Saturday, Oct. 8, by offering behind-the-scenes tours and other free activities.

National Fossil Day is a celebration organized by the National Park Service and the American Geological Institute (AGI) to promote public awareness of stewardship of fossils and to recognize their scientific and educational value. The event takes place during International Earth Science Week sponsored by AGI.

Tours of the paleontology lab and collections area will be offered at 10 a.m. and 1 p.m. on Saturday. Throughout the day, visitors can also search for micro-fossils, including marine specimens from Aurea, N.C., and Miocene-age fossils from Gray that are hidden in stations throughout the museum.
Kids celebrate earth science week

More than 60 children, most between the ages of 4 and 7, spent Wednesday afternoon at the Tulsa Geoscience Center learning about earth science - even though they probably didn't realize it.

The students were busy making replicas of fossils, playing with bubbles, touching dinosaur teeth and being mesmerized by insects and rocks that glow under fluorescent lights.
Students Head to Augusta for Earth Science Day

by WABI5 News Desk - October 19th, 2011 05:24pm - Read more Local News

Augusta - Hundreds of young and inquiring minds will get together under one roof in Augusta Wednesday.

The Maine state museum will host Maine Earth Science Day.

More than 600 students from throughout Maine have signed up for it.

They'll pan for gold, and quarry for granite and get a whole lot of other hands-on opportunities.

Scientists, artists, educators and industry professionals will be at the museum to help out.

The goal is to promote the state's geology and earth products.

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Sunday at the Quarry focuses on 'Changing Earth'

Posted: Thursday, September 19, 2013 7:30 am | (0) Comments

RAYMOND, Iowa — "The Changing Earth" is the theme of this year's Sunday at the Quarry, which serves as a preparation for schools' Earth Science Week, to be held Sunday.

The event is scheduled at 11 a.m. to 4 p.m. at the EMC Aggregates’ Raymond Quarry, an Dubuque Road just east of Raymond.

Prepared by participants and presentations include the University of Northern Iowa Earth Science Department, Iowa Geological Survey, Iowa Water, U.S. Geological Survey, Black Hawk County Soil and Water Conservation District Program, Black Hawk Geology and Mineral Society, City of Waterloo and Iowa Learning Farms, among others.

Organizers say there will be programs for young and old, school groups, youth organizations and anyone from the general public who is interested in earth sciences. All attendees will have an opportunity to explore, fossil and mineral collecting with the Gem and Mineral Society, do a geology tour of the quarry and participate in other activities.

BMC Aggregates will make educational tool kits available to teachers at no charge.
Elementary school students dig for fossils, knowledge

Published: Oct 24, 2011 - 11:15 AM EDT
Updated: Oct 24, 2011 - 11:52 PM EDT

WILMINGTON, NC (WECT) — In honor of National Earth Science Week, Wilmington elementary school students are visiting the University of North Carolina at Wilmington Friday to "hunt" for fossils in the university's DeLeech Hall.

UNCW's Department of Geography and Geology will lead students from the nearby (Regency School of Science, Mathematics and Technology and St. Mark Catholic School) in various learning activities.

Utilizing soil and sand from Southeastern North Carolina, the fossil hunt will allow students dig through the sediment in search of fossils from over 2 million years ago.

Since 1990, National Earth Science Week has been observed by The American Geophysical Institute every October.

This year's theme is "Our Ever-Changing Earth."

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Western astronomers celebrate space, Earth

By Communications Staff
October 07, 2011

The University of Western Ontario will host a pair of special events Saturday (Oct. 8) at the London Regional Children’s Museum in celebration of World Space Week and Earth Science Week.

Scheduled from 1 to 4 p.m., researchers and astronomers from Western’s Centre for Planetary Science and Exploration, Department of Earth Sciences, Department of Physics & Astronomy and the London Royal Astronomical Society will lead Londoners young and old through a number of fossil and meteorite-related demonstrations, arts and crafts throughout the three-hour session.

In the evening, the community is invited to Western’s Hume Crown Memorial Observatory for International Observe The Moon Night.

Scheduled from 5 to 9 p.m., a team of Western scientists will lead visitors through a series of hands-on activities, including viewings through the observatory’s 10” telescope.

Western Engineering honours professor and former Canadian Space Agency astronaut Bjarni Tryggvason will also be in attendance for a Q&A session, which is scheduled for 6 p.m.
Deadline for Houston’s Earth week art contest is Friday

By FLORIAN MARTIN | 0 comments


For the art contest part, children from kindergarten through fifth grade are asked to use artwork to show the ways in which the Earth’s air, water, land and living things change over time.

Students in grades six through nine are to discuss the interactions between Earth systems such as the geosphere, hydrosphere, atmosphere, and biosphere in the essay contest.

In the media/photography contest, participants of all ages are asked to talk about how their community is influenced by long-term and short-term changes in Earth’s atmosphere, hydrosphere, geosphere or biosphere.

Submissions can be sent to Houston Geological Society c/o Earth Science Week Committee, 14011 St. Mary's Lane, Suite 250, Houston, TX 77079 or e-mailed to gsw.hgs@gmail.com. The entry deadline is Friday, Sept. 30.

Winners will be notified via their teachers the week of Oct. 3. Their names will be announced publicly on the HGS website and social media accounts during that same week.
Deadline for Houston’s Earth week art contest is Friday

By FLORIAN MARTIN | 0 comments

The Houston Geological Society in celebration of National Earth Science Week (Oct. 8-15) is presenting its 2011 Art, Essay, and Photography Contest with the title "Our Ever-Changing Earth."

For the art contest part, children from kindergarten through fifth grade are asked to use artwork to show the ways in which the Earth’s air, water, land and living things change over time.

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Winners will be notified via their teachers the week of Oct. 3. Their names will be announced publicly on the HGS website and social media accounts during that same week.

First, second and third place winners, their families and their teachers will be invited to a public award presentation at the Consumer Energy Alliance Energy Day on Oct. 15 at Hermann Square in downtown Houston.

Winning entries will be displayed at the Houston Museum of Natural Science on Oct. 3 and at the Energy Day on Oct. 15. They will also be published on the websites and print media of the Houston Geological Society, the Houston Museum of Natural Science Energy Conservation Club and the Consumer Energy Alliance.