



Arkansas Environmental Education Association

the Natural State

The Quarterly Newsletter of the Arkansas Environmental Education Association

Winter / Spring 2011

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Greetings AEEA members.

This past year was an exciting and successful year for the organization. Some highlights from 2010 included:

- Increased AEEA membership to 145 members
- Held a successful EE Expo for 96 educators
- Awarded an AEEA Mini-Grant to a non-formal educator
- Recognized an Outstanding Environmental Science Project at the State Science Fair
- Began working with partners on establishing an Environmental Literacy Plan for Arkansas
- Unveiled a newly redesigned website

Now on to 2011... On January 8, the AEEA Board of Directors met at their annual retreat to make plans and establish goals for the new year. Some of these included:

- Increase general membership to 175
- Update AEEA's 3-5 year plan
- Create an online Resource Directory of Arkansas EE Providers
- Provide two mini-grants (one for formal educator and one for non-formal educator)

EEExtras

Conservation Biology For All

Lights - Camera - Earth

Green Teacher presents Webinars

Ozark Natural Science Center Offers Programs

Arkansas Environmental Education Association

Mission Statement: To promote environmental education and the work of environmental educators.

AEEA is a networking and information based organization that works with educators, students, business, government, and the general public to increase the awareness and knowledge about the environment.

Board of Directors

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Rob Beadel, Little Rock
Arkansas Forestry Association

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Terri Hebert, Conway

University of Central Arkansas

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Susan Bolyard, Fayetteville
US Geological Survey

Treasurer

John Kutko, Clarksville
Clarksville Primary School

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Arkansas Department of Education

Diana Angelo, Perryville
Natural Resources Conservation Service

Cathy Wissehr, Fayetteville
University of Arkansas

Pat Knighten, Sheridan
Arkansas Game & Fish Commission

Trish Ouei, Lowell
Benton County U of A Cooperative Extension Service

Lynne Hehr, Fayetteville

- Conduct two successful EE Fest professional development workshops
- Continue to develop an Environmental Literacy Plan for the state
- Begin planning for EE Expo in 2012

As you can see, 2011 is going to be a busy year for AEEA. I encourage the AEEA membership to get involved and be active in helping AEEA achieve these goals and be successful.

Here's to a GREAT year!!!

Rob Beadel
2011 AEEA Board President

Meet the Board



Catherine Mackey has been a Science Specialist with the Curriculum and Assessment Section of the Arkansas Department of Education since July 2006. Prior to taking the position at the ADE, Catherine taught high school biology and middle school science at Malvern Junior High School for eighteen years. She also taught Environmental Science at Ouachita Technical College for four years.

Her current duties include working with educator committees for research and development of the Arkansas science assessments and curriculum frameworks.

She is also the State Science Coordinator for the Presidential Awards for Excellence in Math and Science Teaching and the National Youth Science Camp.

Catherine earned a B.S.E. in Biology and M.S.E. in Public School Administration from Henderson State University. Catherine's other professional affiliations include the Council of State Science Supervisors and the Arkansas Science Teachers Association.



Lynne Hehr is the director of the University of Arkansas Center for Mathematics and Science Education, the Arkansas NASA Educator Resource Center, and the University of Arkansas Discovery Zone museum in Fayetteville, Arkansas. She has been a formal and informal education link between the Arkansas K-12 science, mathematics and technology education and research community for more than 20 years. As such, her

main responsibilities are connecting K-12 students and educators to materials, resources and personnel while

Center of Mathematics and Science Education

Jason Kindall, Huntsville
Ozark Natural Science Center

Sarah DeVries, Little Rock
Arkansas Department of Environmental Quality

EE Calendar

March 5, 2011

Turkey Hunting workshop
Fred Berry Conservation Education Center
Yellville, Arkansas
tgentry@agfc.state.ar.us

March 10, 2011

Project WET and Wonders of Wetlands workshop
Victory Baptist School
Sherwood, Arkansas
millerb@adeq.state.ar.us

March 10, 2011

Arkansas Green Development Workshop
Embassy Suites
Rogers, Arkansas
info@arkansastrees.org

March 12, 2011

8am-Noon
Keep Little Rock Beautiful Citywide Clean Up
Be part of the largest clean up in Little Rock. We will be helping with various cleanup activities around Little Rock. Please email info@arkansasearthday.org if you would like to volunteer.

March 14-20, 2011

National Wildlife Week
<http://nwf.org/>

providing professional development for K-16 pre- and in-service teachers.

She chairs the annual state teacher Arkansas Curriculum Conference, directs the Northwest Arkansas Regional Science and Engineering Fair for 5th -12th grade students, and serves on local and national boards for the betterment of lifelong learners. She was trained as a concert pianist, preformed in a dance troupe in college and is a geologist by education. Several of her professional development credits include being 1) regional ISEF affiliated science/engineering fair director, 2) certified GEMS associate, 3) certified SEPUP trainer, 4) NASA materials trainer and 5) GLOBE master scientist trainer/state partner.

AEEA to host EE Fest featuring Leopold Education Project

Date: April 8, 2011

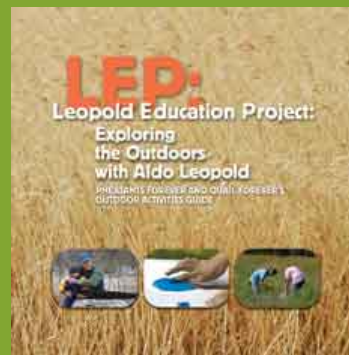
Time: 9:00 - 4:00

Place: Faulkner County Natural Resources Center
110 South Amity Road, Conway, Arkansas

Facilitators: Marc and Suzanne Hirrel

Cost: \$35 for AEEA members
\$45 for non-members

Fee includes materials, lunch, resources and 6 hours of ADE-approved professional development



What kind of workshop? In this environmental education workshop, hands-on participation in a number of Leopold Education Project (LEP) activities will provide basic but highly useful information on natural history and conservation ethics, preparing educators to successfully and efficiently use the curriculum materials with students. Each participant receives lunch, a personal copy of Leopold's *A Sand County Almanac*, and a digital copy of the new curriculum entitled *Exploring the Outdoors with Aldo Leopold* designed for informal audiences. Interested participants will have the opportunity to purchase the classic curriculum entitled *Lessons in a Land Ethic* for an additional \$20.

What topics will be covered? This fast-paced workshop will leave you inspired as you read and contemplate the words of Leopold, fascinated as you study tracking and "reading the

March 15, 2011

Arkansas Wild Turkey
workshop
Fred Berry Conservation
Education Center
Yellville, Arkansas
tigentry@agfc.state.ar.us

March 21, 2011

Arkansas Arbor Day

March 24, 2011

Project WET-WILD-Learning
Tree workshop
Fayetteville Westside
Wastewater Treatment Plant
Fayetteville, Arkansas
mviney@audubon.org

March 29, 2011

Project WET-WILD-Learning
Tree workshop
Forrest L. Wood Crowley's
Ridge Nature Center
Jonesboro, Arkansas
lHUDSON@agfc.state.ar.us

April 1, 2011

PLT Early Childhood workshop
Janet Huckabee Arkansas
River Valley Nature Center
Ft. Smith, Arkansas
kdwestcamp-johnson@agfc.state.ar.us

April 1-2, 2011

Arkansas State Science Fair
www2.uca.edu/org/assfa/
UCA Campus
Conway, Arkansas

April 8, 2011

Leopold Education Project
workshop for Non-formal
Educators
Faulkner County Natural
Resources Center
Conway, Arkansas
info@arkansasee.org

landscape", and confident in activities designed to help you lead your classroom outdoors. These activities will cover plant, bird, and track identification, habitat studies, ecological relationships and more. The workshop will also show you a fun and easy way to teach the natural sciences and to encourage kids to get outdoors. Understanding becomes real when students can see, touch and experience the natural world around them.

What is LEP? Leopold Education Project, Pheasants Forever Land Ethic Curriculum, is an innovative environmental education curriculum based on essays from *A Sand County Almanac*, written by renowned conservationist, Aldo Leopold. This workshop expands upon previous lessons included in the basic LEP course by featuring a just recently published non-formal curriculum. Participants will receive a copy of *A Sand County Almanac* and a digital copy of the new curriculum.

Who should attend? This workshop welcomes returning LEP participants as well as those new to LEP. The workshop is designed for 4th-12th grade educators (science, language arts, math, art, history), non-formal educators, natural resource professionals, 4-H and Scout leaders, conservation leaders, nature center and zoo educators and anyone interested in learning more about fostering a relationship between our youth and the natural world. Each participant will receive a wealth of materials easy to use with both adults and youth.

Lunch will be provided by ZaZa Fine Salad & Wood-Oven Pizza Company. ZaZa is committed to being a low impact, environmentally friendly business.

To register: Mail your contact information including: your name, organization, email and phone number along with a check or Purchase Order to:

AEEA
Attn: LEP workshop
PO Box 1439
North Little Rock, AR 72115

For more information, contact Brad Robertson at info@arkansasee.org or (501) 773-1107.

How Should Environmental Education be Taught in Schools?

Interest in environmental education is growing, but there is great variation in how schools are incorporating it into the curriculum. Some educators say the goal of environmental education should be to teach students about the interaction between the human and natural world, and then draw their own conclusions about how to make informed, responsible

April 10 - 16, 2011

National Environmental
Education Week: Ocean
Connections
www.eeweek.org

April 22, 2011

Earth Day

April 23, 2011

Arkansas Earth Day
10am-3pm
North Little Rock River Front
Park
FREE - RAIN or SHINE
www.arkansasearthday.org

April 29, 2011

National Arbor Day

May 3, 2011

Project WET-WILD-Learning
Tree workshop
Witt Stephens, Jr. Central
Arkansas Nature Center
Little Rock, Arkansas
sabaxter@agfc.state.ar.us

May 14, 2011

Project WET-WILD-Learning
Tree workshop
Lake Ft. Smith State Park
Mountainburg, Arkansas
christina.welch@arkansas.gov

May 19, 2011

In-Woods Expo Education Day
www.in-woods-expo.com
Hot Springs, Arkansas
rbeadel@arkforests.org

decisions about the environment. Experts also recommend lessons be focused on solutions rather than doom and gloom, particularly with younger students.

Read the article "[The Greening of Environmental Ed](http://www.hepg.org/hel/article/487)" in the *Harvard Education Letter* <http://www.hepg.org/hel/article/487>

EE Week 2011 theme: Ocean Connections

Join EE Week April 10-16, 2011 to explore our vital connection to the ocean with teachers and students nationwide



The ocean covers nearly three quarters of our planet's surface, provides 70 percent of the oxygen in the atmosphere and houses about 20 percent of the known species on Earth. It regulates climate and weather and provides food and energy resources for humans worldwide. No matter how far from the coast, water in every stream or river eventually ends up in the ocean, and all life on Earth is dependent upon its health. More than half of all Americans live within 50 miles of the coast, but whether near or far our lives are inextricably linked to the ocean.

Recognizing the importance of protecting the health of our ocean and understanding our dependence upon it regardless of its proximity, EE Week's 2011 theme is **Ocean Connections**. [Learn more](#)

[Register today](#) to join thousands of educators and students across the country in exploring our vital connection to the ocean during National Environmental Education Week, **April 10-16, 2011**.

AEEA 2011 Mini-Grant Program Spring Funding Cycle Opens for Formal Educators

The Arkansas Environmental Education Association (AEEA) is soliciting proposals of up to **\$250** for AEEA's mini-grant program. The mini-grant program is designed to support, enhance and expand the implementation of environmental education throughout the state of



The Money Tree

*Oh, if it was just that easy.
This section provides
information and resources
for grants and funding
available for environmental
education projects,
programs and classrooms.
Good Luck!*

2011 Mantis Award Application

[more information](#)

Deadline: March 1, 2011

The Mantis Awards recognize charitable and educational garden projects that enhance the quality of life in their host communities. The 25 recipients receive Mantis tiller/cultivators.

Do Something BRICK Awards

[more information](#)

Deadline: March 1, 2011

The Do Something BRICK Awards honors 6 outstanding leaders age 18 and under and 3 outstanding leaders age 19-25 who develop projects to improve their community. Winners in "18 yrs. & under" category receive a \$5,000 scholarship and a \$5,000 grant; winners in the "19-25" category each receive a \$10,000 grant. Online application only. \$500 to \$1000 grants are also available for creating

Arkansas.

Eligible Applicants:

The Spring Funding Cycle is limited to formal educators who are **paid members of AEEA**. AEEA will offer a Mini Grant opportunity for non-formal educators in the Fall Funding Cycle.

Eligible Costs and Projects:

Requests should focus on classroom projects and/or activities that help to educate students about natural resources or the environment. Examples of items eligible for funding include: equipment, books, program materials, displays, guest speakers, field trip expenses, etc.

Ineligible Costs:

Grant funds cannot be used for food or beverages, overhead, salaries, stipends or to reimburse any expenses prior receipt of award notification.

Funding and Payment:

The AEEA mini grant program will be a competitive process. A committee of AEEA Board members will evaluate each proposal based on the guidelines below. The Project Coordinator of the winning proposal will be notified of acceptance by May 1, 2011. At that time, a check will be mailed from the AEEA treasurer.

Project Reporting:

A post-grant report is required by December 31, 2011.

AEEA's criteria for judging the grant applications:

- Applications **must be received by April 15, 2011**
- Complete and attach application form along with the information requested below
- Limit proposals to a maximum of two pages NOT including the application form
- Send completed application form and proposal to the address provided on the form
- Proposals may also be submitted via email as long as all required information from the application form is included. Submit proposal with "**AEEA Mini-Grant Application**" in the subject line to rbeadel@arkforests.org
- A limit of one grant per school will be awarded in any given year
- Applicants may re-apply each year

Email or mail the required information below along with the following information on a separate paper not to exceed 2 pages

1. Describe the project or activities including measurable goals and objectives.
2. How will the project support, enhance or expand the implementation of EE in your school or community?
3. What are the intended long-term effects of the project?
4. How will the success of the project be evaluated?

sustainable community action projects, organizations, or programs.

Scholarships for High Achievers

[more information](#)

Deadline: March 2, 2011
The Davidson Institute for Talent Development is offering high achieving young people (under age 18) the opportunity to be named as 2011 Davidson Fellows. Scholarships in the amount of \$50,000, \$25,000, or \$10,000 will be awarded to recognize a significant piece of work in the categories of Science, Technology, Mathematics, Music, Literature, Philosophy, or Outside the Box.

Toyota TAPESTRY Grants for Science Teachers - Deadline Extended

Good news! The deadline to submit proposals for the [Toyota TAPESTRY Grants for Science Teachers](#) has been extended to Thursday, March 3, 2011, at 11:59 EST. Science educators with innovative project ideas that enhance science education in their school and/or school district are encouraged to apply. The program is open to middle and high school science teachers and elementary teachers who teach some science in the classroom. Fifty large grants totaling \$500,000 will be awarded this academic year. Individual science teachers or a team of up to five can submit proposals in the category of environmental science education. Subcategories from which applicants may choose include: biotic (all living factors) and abiotic (all nonliving factors such as

5. Outline the proposed use of funds including budget detailing what AEEA money will be used for.

Mini-Grant Application Form

Project Title:

Amount Requested: \$

School/Organization/Facility:

Contact Person:

Street Address:

City, State and Zip Code:

County:

Telephone Number: (include area code)

E-mail:

Proposed project date(s):

Age level(s) of individuals:

Number impacted:

Check should be made out to:

(signature)

(date)

I understand that the awarding of all grants and the amount of any grant, shall be subject to the sole discretion of the Arkansas Environmental Education Association. If awarded a grant, I agree to submit a final report within one year of the grant award. The Arkansas Environmental Education Association shall assume no responsibility or liability for claims of damage of any kind to the property or for claims of injury to any person in connection with this grant.

*Submit completed grant application and proposal by **April 15, 2011** to:*

AEEA Mini Grants
c/o Rob Beadel
1213 West 4th Street
Little Rock, AR 72201
or email applications to rbeadel@arkforests.org

Wooster Elementary 5th Graders Create Arkansas's Forest Exchange

pollution, oil, energy, human interventions, water, soil, air, temperature, etc.). Recipients of Toyota TAPESTRY grants will be notified in April 2011. Nonrecipients will be notified in June 2011. If you have questions, please contact the program director at tapestry@nsta.org.

Dream. Engineer. WISH. Women In STEM High School Aerospace Scholars

[more information](#)

Engineer your dream job! Your adventure begins in Spring 2011 with an online community and culminates with a summer experience at NASA Johnson Space Center in Summer 2011. Collaborate with girls from across the country and female NASA engineers and interns. Get ready to start your dream! Deadline: March 14, 2011.

Best Buy Teach Award Program

[more information](#)

The Teach@15 Award program helps schools serving any grades 7-12 meet their technology needs. Teens (age 13-18) who are registered members on at15.com. Members can nominate their schools (see website for eligibility) to win a Teach@15 Award. Teen members can vote once a day for 15 days for one nomination. Every 15 days, Best Buy will award 3 schools with Best Buy Gift Cards based on member votes. The school with the most votes will win \$1,500, second most votes wins \$1,000 and third most votes wins \$500.

WaysToHelp.org Grants

[more information](#)

Box for the 2011 International Year of Forests

The United Nations designated 2011 as the International Year of Forests. Arkansas Project Learning Tree is proud to be working with Jennifer Richardson, at Wooster Elementary School in Greenbrier, to compile and decorate an "Arkansas Forest Exchange Box" to share at various events throughout the U.S. during 2011.



On January 12 Wooster Elementary presented Arkansas' Forest Exchange Box for the United Nations International Year of Forests to Arkansas Forestry Commission Deputy State Forester Doug Akin at a ceremony last week. Arkansas Project Learning Tree (PLT) worked with fifth-grade teacher Jennifer Richardson and AEEA member to compile and decorate the box to share at various events throughout the United States during 2011.

"Forests are an important teaching tool, and this is a unique opportunity for PLT to celebrate forests," said Rob Beadel, director of forestry education for the Arkansas Forestry Association Education Foundation, which coordinates PLT in the state. "PLT and the state Forest Exchange Boxes will be part of a year-long series of events to raise awareness about the importance of forests across America."

At the presentation ceremony, students led an audio-visual "Hike Through the Box," which contains items, samples, data, facts, reports and photographs about Arkansas's forests. The program also included "Lullaby for the Trees," sung by the Wooster Elementary choir, and planting an Arkansas-native Tulip Poplar tree on the school grounds.

"As part of this yearlong event, this Forest Exchange Box will join others from across the United States and be on display at an American Forest Foundation event in Washington D.C., and other events around the country," said Beadel. "We are proud to share with others how forests have been a major part of Arkansas's history and are still abundant, supporting a \$3 billion industry today."

Arkansas's box is now in Washington D.C. with others from across the

Deadline: Ongoing
WaysToHelp.org invites teens in the United States to apply for grants to fund their community service ideas across any one of 16 issue areas. You can apply for a grant, by visiting their website and for any issue area, selecting "See Ways To Help" followed by "Apply for a Grant". Applications are short - just 5,000 words or less - and should summarize: how the project will involve others, who it will help, what effect it's expected to have, when it will start and how the funds will be used. Grant requests are reviewed and responded to on a monthly basis.

Do Something Grants for Youth Community Projects

[more information](#)

One winner every week
Grants to students age 25 and under who have created a sustainable project, program, or organization. Grants of \$500 are awarded to further these community projects. Grants are also available for students who have a great idea but haven't started the project yet.

Annie's Grants for Gardens

[more information](#)

Deadline: Rolling
Annie's offers a limited number of small grants to community gardens, school gardens, and other educational programs that connect children directly to gardening. These funds may be used to buy gardening tools, seeds, or other gardening supplies. for application details.

Outdoor Classroom Garden Mini-Grant

nation. It will be part of a traveling exhibit at various events scheduled throughout the year in recognition of the International Year of Forests.

2011 Thacher Environmental Research Contest for Grades 9-12

\$3,500 in Cash Awards Available

Entries must be received by April 11, 2011, and will be judged by IGES staff.

Be part of a new generation of problem solvers that will meet the challenges posed by a changing planet

From the massive Gulf oil spill to the continued decline of Arctic sea ice, satellites and other observing instruments have proved crucial in the past year in monitoring the many environmental changes -- both natural and human-induced -- occurring on global, regional and local scales.

The 2011 Thacher Environmental Research Contest, sponsored by the Institute for Global Environmental Strategies, challenges high school students (grades 9-12) to conduct innovative research on our changing planet using the latest geospatial tools and data, which in recent years have become increasingly accessible to the public.

The best projects will receive cash awards in the amount of \$2,000 for first place, \$1,000 for second place and \$500 for third place. Entries can be submitted by individuals or teams. In the case of team entries, the cash award will be split equally among the winning team members. Winners also will be featured in an Encyclopedia of Earth article.

www.strategies.org/thachercontest

EExtras

2011 Richard C. Bartlett Environmental Education Award

Deadline: March 15, 2011

The National Environmental Education Foundation seeks to honor an outstanding U.S. middle school teacher who successfully integrates environmental education into his or her curriculum and engages students in interdisciplinary solutions to environmental challenges. The award recognizes an educator who can serve as an inspiration and model for others. The winning teacher will receive an award of \$5,000 to support their work in environmental education. Two teachers will win \$750 merit awards.

<http://neefusa.org/bartlettaward.htm>

Program

[more information](#)

Deadline: none

The Outdoor Classroom Garden Mini-Grant Program is designed to show that agriculture is an integral part of our everyday environment. Farms, wildlife, forestry, people and cities are all interrelated with agriculture. Since most of Arkansas wildlife resides on and feeds off of private property, including farms and timber lands, the gardens can demonstrate the connection between agriculture, food, fiber, conservation, wildlife, and the urban environment. Applications will be accepted as long as grant funding is available. Up to \$500 may be awarded for new garden sites. This must include matching funds. Up to \$250 may be awarded for on-going garden projects. This also must include matching funds.

Coca-Cola Foundation Grants

[more information](#)

Deadline: Ongoing

The Coca-Cola Foundation, and its 18 local and regional foundations work with people in communities and governmental organizations and nongovernmental organizations to create and support projects most relevant to communities. The Coca-Cola Foundation will fund proposals for programs in the areas of the environment, fitness and active lifestyles, community recycling, and education. All requests for funding must be submitted through the online application system.

Fruit Tree 101

American Association for the Advancement of Science (AAAS) Innovative High School Science Teacher

Deadline: May 27, 2011

Call for nominations of U.S. high school science teachers for the 2011 AAAS Leadership in Science Education Prize. The \$1,000 prize honors a high school science teacher who has advanced science education by developing and implementing an effective strategy, activity, or program. The winner will also receive a complimentary one-year institutional subscription to *Science* magazine and will be invited to attend and make a brief presentation at the annual Shanghai International Forum on Science Literacy of Pre-college Students as a guest of the Shanghai Association for Science and Technology.

http://www.aaas.org/aboutaaas/awards/hs_scied_leadership

Project Blue Planet

Deadline: Projects must begin after September 1, 2010, and end by April 30, 2011.

Win a trip to the National Zoo in Washington, D.C. by taking action for marine life at your school. The Smithsonian's National Zoo and its partners, challenge students to establish environmental change in their communities through participation in this national contest:

<http://www.fonz.org/makewaves.htm>

Rachel Carson Intergenerational Sense of Wonder Contest

Deadline: June 10, 2011

This annual contest, sponsored by the U.S. EPA Aging Initiative, the Dance Exchange, the Rachel Carson Council, Inc., and Generations United, is seeking submissions on the theme of one of Rachel Carson's books *The Sense of Wonder*. Entries must be developed by a multi-generational team of two or more individuals - with at least one each representing the younger and older generations. Teams may submit a poem, an essay, photograph, or a dance video that captures the sense of wonder you see, hear, and feel in nature.

<http://www.epa.gov/aging/resources/thesenseofwond..>

Siemens We Can Change the World Challenge

Deadline: March 15, 2011

This NSTA, Siemens Foundation, and Discovery Education program is designed to educate, empower, and engage students and teachers nationwide to become "Agents of Change" in identifying and solving environmental problems. The challenge has been expanded to include high school students to encourage all students to team up with their classmates to create replicable solutions to environmental issues in their schools.

<http://www.wecanchange.com>

Teachers/Students Encouraged to Participate in Youth Art Contest

Deadline: March 15, 2011

Elementary, middle, and high school teachers are encouraged to have their students participate in the Endangered Species Youth Art Contest, an integral part of the sixth annual national Endangered Species Day, celebrated on and around May 20,

[more information](#)

Deadline: Rolling

This program of The Fruit Tree Planting Foundation brings fruit tree orchards to schoolyards, so students can make a positive environmental impact at their school, while creating a source of tasty snacks for decades to come.

Operation Green Plant

[more information](#)

Deadline: Rolling

America the Beautiful Fund's Operation Green Plant program is offering grants of FREE SEEDS (vegetable, flower, or herb) to encourage citizen efforts to protect and preserve America's lands and resources. Shipping and handling fees for the first set of 100 seed packets is \$14.95. Additional set(s) of 100 packets are available for \$5 per set.

Target Field Trip Grants

[more information](#)

During the 2011-2012 school year, Target stores across the United States will award three grants for up to \$700 each to fund field trips and help provide students with learning experiences outside of the classroom, enabling one out of every 25 schools throughout the U.S. to send a classroom on a field trip. Target provides a tool on their website to help schools search for field trip ideas, including field trips related to science themes as well as fine arts and language arts. Organizations also have the opportunity to promote their location as a potential educational destination. Applications for the 2011-2012 school year's Target Field Trip Grant program will open August 1, 2011.

2011. Winners will be chosen in four categories: Grades K-2, 3-5, 6-8, and 9-12, and will receive plaques and art supply gift certificates. Teachers of the winning students will also receive gift certificates for classroom art supplies. For more information, judging criteria, and entry form, visit: <http://www.endangeredspeciesday.org>

Unraveling the Trash Cycle

Would you like to receive 10 hours of professional development in a new way covering a real-world topic you seldom consider but are involved in every day? Unraveling the Trash Cycle is a two-part, hands-on, interdisciplinary professional development opportunity. All K-12th grade teachers in rural Washington County schools are invited. Garbage is a local, real-world topic that can be used as a context for teaching a variety of subjects. This professional development will give you the knowledge to bring new content into your classroom for exercises that require critical thinking, problem solving, and practical reading. Multiple dates will be offered during the summer. Please contact Sophia Stephenson for details or to register at ststephenson@co.washington.ar.us or 479.444.1725. Include name, school, grade or subject, mailing address, and personal email and phone number. You are guaranteed to not only learn but also have more fun than you thought possible when talking trash!

GLOBE at Night 2011 - Worldwide Orion Observation Campaign (Feb. 21-March 6)

GLOBE at Night is an annual citizen-science campaign that encourages people around the world to record the brightness of their night sky. For two weeks every March, when the Moon is not out during the early evening and the constellation of Orion can be seen by everyone everywhere, children and adults match the appearance of Orion with seven star maps of progressively fainter stars. They then submit their measurements online with their date, time and location. For more information, visit <http://www.globeatnight.org/>

April 9: Super Saturday - LEGO Education WeDo Robotics Construction (K- 4th grades)

9 to 3:30pm

Non Refundable Registration Fee: \$25

Want something fun to do at the end of the year with your students? Learn how to build LEGO robotic models featuring working motors and sensors; program models; and explore a series of cross-curricular, theme-based activities that relate to science, technology, engineering, and mathematics, as well as language and literacy. Participants completing this workshop will be able to borrow construction sets with printed building instructions for 12 models. For more information on how to register, go to

<http://cmase.uark.edu/teacher/Workshops/Spring2011PD.htm>

April 16: Super Saturday - Group Solutions and Group Solutions, Too! (K- 4th grades)

9 to 3:30pm

Non Refundable Registration Fee: \$60 with GEMS Group

Visit Our Sponsors



Green Teacher



Find us on Facebook 

Donate to AEEA



is a new Yahoo-powered search engine that donates half its advertising revenue, about a penny per search, to the charities its users designate. Use it just as you would any search engine, get quality search results from Yahoo, and watch the donations add up!



Solutions TG - or - \$60 with GEMS Group Solutions, Too TG - or- \$90 with both GEMS Group Solutions and Group Solutions, Too TG

Participate in highly involving, classroom-ready, cooperative logic activities for small group problem solving dealing with team building, cooperative learning, money, spatial awareness, pattern blocks, attributes, directions, problem solving, word recognition and number sense. Particularly adaptable to multilingual or ESL classrooms, this day will feature loads of activities that allow other-language speakers to use nonverbal manipulative skills, facilitating language and concept development in English. The non-refundable registration fee includes 6 hours of ADE approved PD, one teacher guide, other appropriate workshop materials and break snacks/lunch. For more information on how to register, go to

<http://cmase.uark.edu/teacher/Workshops/Spring2011PD.htm>

April 23: Super Saturday - Water, Precious Watersheds (4th - 6th grades)

9 to 3:30pm

Non Refundable Registration Fee: \$25 without TG, \$50 with AIMS Water, Precious Water TG

Need something to do in May? This workshop, designed around the AIMS Water, Precious Water teacher guide, Project WET and the Beaver Water District's Building Blocks to Water Education program, will help. Hands-on topics include water cycle, water conservation, water quality and water properties with loads of materials, resources and end-of-year inside and outside exploration possibilities! The non-refundable registration fee includes 6 hours of ADE approved PD, other appropriate workshop materials and break snacks/lunch. For more information on how to register, go to

<http://cmase.uark.edu/teacher/Workshops/Spring2011PD.htm>

April 30: Super Saturday - K- 4 GLOBE (K- 4th grades)

9 to 3:30pm

Non Refundable Registration Fee: \$75 includes the Elementary GLOBE teacher guide & storybooks, lunch & break snacks, all workshop materials, and 6 hours of ADE-approved PD. Explore the Earth as a system through weather, hydrology, life cycles, and soils. Leave this hands-on day of investigation as a certified GLOBE teacher with loads of environmentally friendly activities to make the end of the school year loads of fun! For more information on how to register, go to

<http://cmase.uark.edu/teacher/Workshops/Spring2011PD.htm>

Endangered Species Day Youth Art Contest Announced

Elementary, middle and high school teachers are encouraged to have their students participate in the annual Endangered Species Youth Art Contest, an integral part of the sixth annual national Endangered Species Day, celebrated on and around May 20, 2011.

The Youth Art Contest provides students from kindergarten to high school with an opportunity to learn about endangered species and express their knowledge and support through artwork. Young artists who are home schooled and

is a new online shopping mall which donates up to 30 percent of each purchase to your favorite cause! Hundreds of great stores including Amazon, Target, Gap, Best Buy, eBay, Macy's and Barnes & Noble have teamed up with GoodShop and every time you place an order, you'll be supporting AEEA.

participate in youth groups are also eligible to submit their art. Entries must be postmarked by March 15, 2011. The Endangered Species Day Art Contest will be judged by a prestigious panel of artists, photographers and conservationists. Winners will be chosen in four categories: K-Grade 2, Grades 3-5, Grades 6-8, and Grades 9-12 and will receive plaques and art supply gift certificates. In addition, one grand prize winner will be honored with their name engraved on a special trophy and also be recognized at a reception in Washington, D.C. in May, 2011. The Youth Art Contest is organized by the U.S. Fish and Wildlife Service, the Endangered Species Coalition, the Association of Zoos and Aquariums and the Ogden Museum of Southern Art/ University of New Orleans.

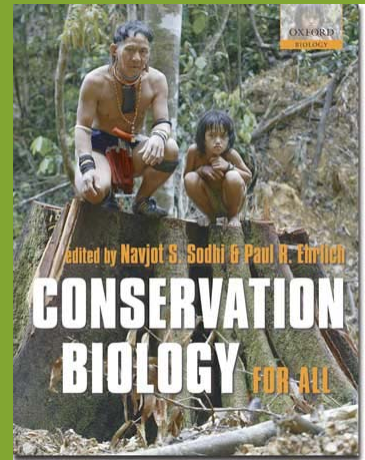
For more information, including judging criteria and an entry form, visit www.endangeredspeciesday.org

Conservation Biology for All

Conservation Biology for All

Edited by Navjot S. Sodhi and Paul R. Ehrlich

This book contains a series of authoritative chapters have been written by the top names in conservation biology with the principal aim of disseminating cutting-edge conservation knowledge as widely as possible. Important topics such as balancing conversion and human needs, climate change, conservation planning, designing and analyzing conservation research, ecosystem services, endangered species management, extinctions, fire, habitat loss, and invasive species are covered. Numerous textboxes describing additional relevant material or case studies are also included.



Conservation Biology for All has been generously made available free for download in its entirety at:

<http://www.conbio.org/publications/consbioforall/>



Lights...Camera...Earth!

The 2011 IGES Earth Day Photo & Essay Contest for Grades 5-8

Win a digital camera or other prizes; Photos must be snapped April 18-29

It only takes one click of a camera to capture nature in action. And with springtime here again, there are plenty of picture-worthy changes taking place all around us - in the air, on land, in the water, and among plants and animals.

Celebrate Earth Day with middle school students (grades 5-8) across the country by taking a photograph of something changing in your local environment. The photograph must be taken anytime from Monday April 18 through Friday April 29, 2011 (Earth Day itself is April 22). The picture could show a change taking place in your backyard or neighborhood, near your school or in a local park, on the ground or high in the sky, or off in the distance toward the horizon.

Then, research and write an essay about the photograph (400 words or less) that answers the following questions:

- What is the change taking place in your photograph?
- What may be causing the change?
- Was the change expected?
- How might the change impact surrounding areas, including people?
- How might this picture look different in the future?

Entries will be judged by Institute for Global Environmental Strategies (IGES) staff based on relevance to the contest theme (depiction of change in the environment), uniqueness and overall appearance of the photo, and quality of the essay.

The top three winners will receive a digital camera, digital photo frame and digital photo keychain, respectively. Each of the top 10 winners (including the top 3) will receive a photo book featuring the top 10 photos with his or her photo on the front cover. The top 10 photos and accompanying essays also will be featured on the IGES website.

Entries must be received by email or postmarked by May 13, 2011.

For submission instructions, entry form, suggestions for using this activity in the classroom, and to see winning photographs and essays from previous years, please visit:

Green Teacher presents 2011 Webinar Series

Green Teacher

We are very excited to announce the launch of Green Teacher's 2011 Webinar series. We hope you'll join us in one or more of our 30 *FREE* webinars on various environmental education topics this year. Almost 800 non-formal and formal youth educators filled out our online survey and helped us choose the topics for these webinars. Each session will feature a 20-30 minute presentation, and 30-40 minutes for you to ask a question of our presenter.

For more information about the topics and information on how to register, please visit <http://greenteacher.com/webinars>. Once again, these webinars are offered free of charge, and we hope you'll take advantage of the opportunity to explore these current popular topics in environmental learning with us.

We'll be announcing more webinars very soon, so check back frequently - OR [click here](#) and join our listserv to receive email notices of upcoming webinars.

These webinars are made possible with the support of the Ontario Media Development Corporation.

Green Teacher has been a longtime supporter and partner of the Arkansas Environmental Education Association.

Ozark Natural Science Center Offers Programs

Wilderness First Aid: March 24-25 2011

Wilderness First Aid is a 16-hour course that immerses the participant in the quickly developing world of wilderness medicine. This class will prepare you to take quick and decisive action when your outdoor adventures don't go as planned and "9-1-1" is hours away. Time will be split between interactive classroom sessions and hands-on field scenarios to develop backcountry medical care skills quickly. Focus will be on patient assessment, stabilization and emergency treatment of everything from hypothermia to snakebites as well as when



evacuation is needed and how to go about it. No time is wasted; when you complete the class you'll be ready to respond to unexpected situations with a calm and orderly approach. ***Tuition includes all course materials plus meals and lodging at Ozark Natural Science Center. Cost: \$200 for ONSC members / \$225 for non-members***

Advanced Wilderness First Aid, *Wilderness First Responder* and *Wilderness EMT* courses coming soon!

Space is very limited so call **479-789-2754** or email info@onsc.us for more information or to register today!

Ozark Natural Science Center presents Waterfalls and Wildflowers Weekend

Join ONSC on March 26-27, 2011 for two days of wilderness and wonder with guided hikes exploring local waterfalls including: Fishtrap Falls, Upper Bear Hollow Falls, Sandstone Slide Cascade and Tea Kettle Falls.

This spring break weekend escape includes an evening presentation on waterfalls and local flowering flora, an art activity for the kids, a sunset hike to nearby Wishing Rock overlook, and of course: a campfire and s'mores! Staff botanists will share their enthusiasm and knowledge of spring flowers along the trails. Bring your cameras and hiking shoes. ONSC's Waterfalls and Wildflowers Weekend is open to adults and families. \$119 per adult and \$99 per child under 18 years old. No children under 6 years of age, please. Tuition includes all meals, snacks, and lodging at ONSC.

Space is limited so call 479-789-2754 or email info@onsc.us for more information or to register today!

Do You Know Someone Who Should Be a Member?

Help us recruit new members and grow our network of Environmental Educators in the Natural State. Share this email and encourage colleagues to join AEEA.

Visit our website at www.arkansasee.org for membership information and to download a membership form.



Arkansas Environmental Education Association

Purchase your AEEA merchandise
online!

www.cafepress.com/arkansasee

Mugs, water bottles, shirts, t-shirts, bags, buttons,
stickers, and more!!!



Show your support for AEEA!

 <p>Organic T-shirt \$18.99 plus S&H</p>	 <p>Khaki Ball Cap \$15.99 plus S&H</p>	 <p>Mug \$12.99 plus S&H</p>
 <p>Canvas Tote \$14.99 plus S&H</p>	<p><i>Proceeds benefit AEEA's programs and events</i></p>	
	 <p>Messenger \$21.99 plus S&H</p>	

*Proceeds benefit projects and programs offered
by AEEA*

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