

2013 Environmental Expo Session Descriptions

Title	Description
<p><u>Journaling outdoor experiences</u> <i>Luann Sewell Waters</i></p>	<p>This session is designed to encourage students (and yourself) to become "journalers," it's important to keep the process fun. Included will be ideas on how to begin, employ new techniques and crafting journal covers. This session will be repeated. Target audience: general, all ages and grades</p>
<p><u>Talking Sticks</u> <i>Madeline Rugh</i></p>	<p>The "talking stick", in its original usage, is a Native American ritual tool that is passed around when meeting in council. In this instance the "talking stick" represents the voice of the stick itself...how does it talk to you through texture, color, shape, etc. Participants will be guided in reflecting on their sticks "voice" before adding their own story to the stick. We will use paint, fabric, ribbon, bells and other materials to decorate our stick in acknowledgment of both the sticks "voice" and our own. This session is geared for all ages or grade level.</p>
<p><u>Trash to Treasure</u> <i>Andrea Sampley</i></p>	<p>In our Environmental Science classes we look at ways to reduce our waste stream. One creative approach is to transform our trash into treasure. This is a make and take session appropriate for all age levels, the teacher support materials are geared towards high school. This session will be repeated. Target audience: General, all ages</p>
<p><u>A Stitch in Time</u> <i>Andrea Sampley</i></p>	<p>Clothes being thrown away because of a missing button or torn seam? It happens! In this session everyone will receive a "kit" and get started on a sewing sampler of stitches. This project was created to encourage students to repair their clothes and keep them out of the waste stream. Target audience: High School This session will be repeated.</p>
<p><u>Educational Kaleidoscope</u> <i>Emily Mortimer and Susan Teeters</i></p>	<p>Color is all around us and nature uses color in a multitude of ways. Pollinators depend on color for finding food and to aid in the pollination process for plants. Participants will learn through art how plants attract pollinators by participating in fun, interactive, educational classroom activities. Target Grade: K – 2nd grade for the <u>first</u> session; 3rd – 5th grade for <u>second</u> session</p>
<p><u>Bringing Nature Preserves to the Classroom</u> <i>Katie Hawk</i></p>	<p>The Nature Conservancy of Oklahoma is using 360-degree high definition technology to transport children and adults alike via the internet to the remote places found on our preserves. This technology also allows the viewer to click information icons strategically located on the panoramic view that open a window with key pieces of information about ecology, certain ecosystems, and keystone species like bison or deer. Additionally, plans are in the works to develop classroom curriculum with the help of the K20 program at the OU School of Education. Participants will experience a demonstration of the recently completed pilot version the 360 project and provide feedback on ways the system can be utilized in the classroom. This session will be repeated. Target Audience: All grade levels</p>

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<p><u>Making and Playing Musical Gourds</u></p> <p><i>Karla Beatty and Paula Isch</i></p>	<p>What better way to combine nature with the arts than through music! Virtually every instrument played today has an ancestor that was made from natural materials. Join us to learn the basics of making and playing musical instruments made from gourds. Participants will have the opportunity to decorate their own gourd rattle to take home.</p> <p>Target audience: All grade levels</p>
<p><u>Playing for the Musically Timid (Environmental Plays on a Shoestring)</u></p> <p><i>Shelley Mitchell</i></p>	<p>We will have a classroom from Del City Elementary performing “The Garden Show”—a play for younger elementary students about gardening, intended to be performed inexpensively and directed by teachers not schooled in dramatic presentations. Information about how this play was developed and others like it will be available at the end of the session.</p> <p>Target Grade – lower and upper elementary</p>
<p><u>Natural Dyes</u></p> <p><i>Julie Thomas</i></p>	<p>Know how to make sun tea? Then you are ready to learn a natural, solar dyeing process -- where seasonal plants and natural mordants, placed in a jug of water, create rainbow-colored yarns. Come learn the dyeing process, choose some solar dyed yarns, and complete a simple weaving activity.</p> <p>Participants in this session will learn a natural, solar dyeing process -- where seasonal plants, natural mordants, a jar of water and sunlight create rainbow-colored natural yarns. Participants will learn how these yarns are dyed (photos, recipes, etc.) and then complete a simple weaving project. Session activities will be tied to science, art, and social studies objectives.</p> <p>Target audience: Elementary (3rd-5th)</p>
<p><u>Name That Nature Tune</u></p> <p><i>Melynda Hickman and Robert Gibbs</i></p>	<p>Come discover how the music of nature is used to study wildlife. In this session, teams will participate in a Jeopardy-style game to identify different wildlife species by their "music".</p> <p>Target audience: all grade levels</p>
<p><u>STEAM not STEM</u></p> <p><i>Teresa Randall</i></p>	<p>The intersection of science, creative arts and 21st century media technologies creates powerful conduits for connecting young people with nature. Learn about the Get-to Know Program and its resources, both teacher and student, designed to complement science and art curriculum at all grade levels. Bring your laptop and surf www.get-toknow.org/contest/us with us.</p> <p>Target audience: general, all grade levels and adults</p>
<p><u>Junk Creations: Students Create Science Models from “Stuff”</u></p> <p><i>Kathryn Elkins</i></p>	<p>Stop your students from using those unfriendly Styrofoam spheres for their Solar System model and let their creativity soar. Don't be afraid to push your students to find and reuse objects from around the home to create scientific models and experiments. In this session, you will gain ideas to challenge your students to refrain from buying new materials and use what they already have to demonstrate science concepts.</p> <p>This session will be repeated.</p> <p>Target audience: Middle School Science</p>

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<p><u>Everyone Can Use a Cool Box!</u></p> <p><i>Lynn Malley</i></p>	<p>Does your school library have book jackets that are removed from the books before they are put on the library shelves? Treat them as treasure, not trash! They make colorful and interesting origami boxes. You will learn to make a basic origami box and will go home with instructions, a box, and a book jacket to make your own treasure. You will also take away information about the value of keeping paper out of landfills. (If your school library does not dispose of book jackets, check out your community or university library or use other sturdy paper that would be trashed.)</p> <p>This session will be repeated.</p> <p>Target audience: grades 5-12</p>
<p><u>Model Flowers on a Shoestring</u></p> <p><i>Shelley Mitchell</i></p>	<p>Use common and inexpensive materials to make a detailed model flower---down to the pollen! We will review each part of the flower as well as its purpose as we each make a model flower to take home.</p> <p>Target Grade – upper elementary and older</p> <p>This session will be repeated</p>
<p><u>Stories and Songs for a Green Earth</u></p> <p><i>Fran Stallings</i></p>	<p>This session will interweave folk tales, science “fact-tales,” and songs to reveal how we sometimes upset the balance of nature, and show how we can find more earth-friendly solutions. Fun and inspiring for all ages!</p> <p>This session will be repeated.</p> <p>Target audience: general, all ages</p>
<p><u>Movin’ and Groovin’ and Growin’ Up WILD</u></p> <p><i>Liz Willner and Laura Wilhelm</i></p>	<p>Laura and Liz will demonstrate how young children can be invited to notice the movements of nature, compose their own nature dances, and perform for themselves and others. Be ready to MOVE and GROOVE!</p> <p>This session will be repeated.</p> <p>The target audience: Pre-K to 4</p>
<p><u>Using Environmental Songs in the Classroom</u></p> <p><i>Monty Harper</i></p>	<p>Monty will perform some of his own environmentally-themed songs and lead a discussion on how to find appropriate songs and use them in the classroom. Sample lesson plans as well as a collection of MP3s donated by his colleagues.</p> <p>Target audience: elementary (3rd – 5th grades)</p>
<p><u>Environmental Songwriting with Kids</u></p> <p><i>Monty Harper</i></p>	<p>In this session participants will explore how to inspire group songwriting with our students and how this will help them learn about environmental issues. No songwriting or musical talent is required!</p> <p>Target audience: elementary (3rd-5th grades)</p>

