

Alameda County Sustainability and You

Alameda County Sustainability is helping Alameda County take steps to go green, with a variety of policies and practices to encourage environmentally friendly choices for local businesses and residents. These efforts include education and programs for County employees to support their efforts to conserve our natural resources in the daily choices they make in the course of providing services to the public.

The theme for Art IS Education 2011 is “Creating Solutions for the World We Share.” To assist with exploring the theme from a sustainable and environmental perspective, this guide has been created to suggest a wide range of resources that may be helpful to your work with youth. Alameda County Sustainability staff look forward to hearing about the creative ways local educators, teaching artists and community members use these resources to integrate art and sustainability as part of Art IS Education 2011! For more information about Alameda County Sustainability visit www.acgov.org/sustain. For more information about Art IS Education visit www.artiseducation.org.

In honor of Art IS Education 2011, Alameda County Sustainability in partnership with the Alameda County Arts Commission plans to feature youth artwork and sample lesson plans on their web site in March. If you would like to submit your youth art on ecological themes for consideration, please contact Violet Juno, Alameda County Arts Commission’s Art IS Education Featured Event Coordinator, at violetjuno@gmail.com

Art Supplies

- **East Bay Depot for Creative Reuse:** an ecological “treasure trove” of low-cost art & craft materials in Oakland, with an onsite Teachers’ Resource Zone: <http://creativereuse.org/>
- **Resource Area for Teaching:** RAFT's mission is to help educators transform the learning experience through "hands-on" education that inspires the joy and discovery of learning: <http://www.raft.net/>

Environmental Art and Videos for Inspiration

- **GreenMuseum:** environmental art in an online “museum” and extensive toolbox for educators including case studies : <http://greenmuseum.org/>
- **Washed Ashore:** art made with plastics washed up on Oregon beaches: <http://washedashore.org/>
- **Chris Jordan’s Running the Numbers:** photographs illustrating the vast amounts of resources used in the U.S.: <http://www.chrisjordan.com/gallery/rtn/>
- **350 Earth; Floating Land:** art focused on climate change: <http://earth.350.org/>; <http://www.floatingland.com.au/contact>
- **Clean Air Trek:** student-produced videos about driving less produced via *Alive In The Neighborhood: Eco Interventions & Experiences* program: <http://www.cleanairtrek.com/student-involvement>

Curricular Resources

General

- **Facing the Future:** curricula covering climate and sustainability with a global perspective, for K-12: <http://www.facingthefuture.org/Curriculum/CurriculumHome/tabid/113/Default.aspx>
- **State of California:** collection of state agencies' environmental education curriculum resources: <http://www.cde.ca.gov/pd/ca/sc/oeeresources.asp>
- **U.S. Environmental Protection Agency:** collection of links to teaching resources: <http://www.epa.gov/teachers/teachresources.htm>

Introduction to Sustainability

- **The Lorax:** classroom exercises and video associated with classic book by Dr. Seuss: http://www.ie.unc.edu/erp/resources/Lorax_and_Sustainable_Development.pdf
- **The Giving Tree:** classrooms exercises associated with classic book by Shel Silverstein: http://faculty.washington.edu/pkahn/articles/Environmental_Education.pdf
- **No Impact Project:** Five 50-minute lesson plans for middle and high school on consumption, energy, food, transportation, and water: <http://noimpactproject.org/educators-middle-high-school-environment-curriculum-html/>

Resource Conservation

- **Stuff: The Secret Lives of Everyday Things:** curriculum guide to accompany book revealing web of connections and impacts behind items: <http://www.sightline.org/publications/books/stuff/stuff>
- **Redefining Progress:** elementary and high school lesson plans about the ecological footprint (amount of land and water required to support an individual's consumption): <http://www.oercommons.org/browse/collection/redefining-progress>
- **Story of Stuff:** 20-minute video with teaching tools for high school (and faith-based communities): <http://www.storyofstuff.com/teach.php>

Recycling

- **Doing the 4Rs - A Classroom Activity Guide to Teach Reduce, Reuse, Recycle and Rot:** StopWaste.Org's 24 California standards-based lessons and five thematic units for fourth/fifth grades: <http://stopwaste.org/home/index.asp?page=1078>
- **irecycle@school:** StopWaste.Org's free services for public schools in Alameda County, including field trips, assemblies, and teacher training: <http://stopwaste.org/home/index.asp?page=5>

Energy

- **EnergyQuest:** California Energy Commission's collection of lesson plans relating to energy: http://energyquest.ca.gov/teachers_resources/index.html
- **National Wildlife Federation:** collection of curriculum resources for elementary, middle, and secondary levels: <http://www.nwf.org/Global-Warming/School-Solutions/Eco-Schools-USA/Become-an-Eco-School/Pathways/Energy/Curriculum.aspx>

Curricular Resources Continued

Climate

- **Bay Area Air Quality Management District:** *Protect Your Climate* curriculum, 16 lessons for fourth/fifth grades: <http://www.ca-ilg.org/node/1380>
- **National Wildlife Federation:** Climate Classroom, including resources for younger children: <http://www.climateclassroom.org/>; http://www.climateclassroomkids.org/teacher_main.aspx
- **Union of Concerned Scientists:** collection of peer-reviewed materials for educators, including curriculum guide on California-specific impacts of climate change for grades 9-12: http://www.ucsusa.org/global_warming/science_and_impacts/impacts/global-warming-materials-for.html
- **An Inconvenient Truth:** lesson plans for high school associated with Oscar-winning documentary: <http://www.climateclassroom.org/teens/lessonplans.cfm>
- **Alliance for Climate Education:** collection of resources in science, energy, and social studies to build on the Alliance's schoolwide climate assemblies: <http://www.acespace.org/teachers/curricula>

Food

- **Food Inc.:** discussion guide associated with documentary, for high school: <http://www.ecoliteracy.org/downloads/ecological-intelligence-teachers-guide>
- **Nourish:** discussion guide associated with documentary, for junior high: <http://www.ecoliteracy.org/downloads/nourish-companion-guides>

Greening Your School's Operations and Curriculum

- **Go Green Initiative:** association of schools offering resources including environmental action Planning Guide: <http://gogreeninitiative.org/>
- **Green Schools Program:** Alliance to Save Energy's program to empower students to help their schools save money and energy: <http://ase.org/programs/green-schools-program>
- **EcoSchools USA:** National Wildlife Federation's seven step program to become an Eco-School: <http://www.nwf.org/Global-Warming/School-Solutions/Eco-Schools-USA.aspx>