



Central Coast CREEC

Linking Central Coast Teachers with Quality Environmental Education Resources

July 2007

Region 8 Serves San Luis Obispo, Santa Barbara, Ventura & Kern Counties

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EE Success Stories

EEI Curriculum Draft Units Available to View Online



Education and the Environment Initiative



The first Education and the Environment Initiative (EEI) draft curriculum units are now posted for review at www.calepa.ca.gov/Education/EEI/Curriculum/Default.htm#CurriculumUnits

With more than 150 K-12th grade units in progress, we will be posting each draft unit for 30 days for public comment. This time limitation will ensure that our editing team can finalize each unit. I encourage you to check the website periodically for new postings. Prior to posting on the website, content experts have reviewed each unit to ensure technical accuracy. Concurrent with the public review, teachers in select school districts throughout California are field testing each unit.

Thank you for your continued interest in the developments of the EEI. Additional information is available at www.calepa.ca.gov/Education/EEI.

Mindy Fox
California Integrated Waste Management Board
Office of Education and the Environment Director

Have a newsletter submission?

Contact Teresa Lees for submission guidelines!

Contact CREEC 8
Teresa "Tree" Lees
CREEC 8 Coordinator
tlees@slocoe.org
805-782-7265
www.creec.org/region8

EE Resources



NASA Explorer Schools

Applications are now available for educators interested in joining NASA Explorer Schools during the 2008-2009 school year. Schools from the 50 states, the District of Columbia, Puerto Rico and the Virgin Islands may apply for the NES 2008-2009 school year. NES offers unique opportunities designed to engage and educate the future scientists who may someday advance U.S. scientific interests through space exploration.

Teams composed of full-time teachers and a school administrator develop and implement a three-year action plan to address local challenges in science, technology and mathematics education for grades 4-9. Schools that are selected are eligible to receive funding during the three-year partnership to purchase technology tools. The project also provides educators and students with content-specific activities that can be used within the curricula to excite students about science, technology, engineering, and math. Applications are due Jan. 31, 2008. For more information, visit

<http://explorerschools.nasa.gov/portal/site/nes/menuitem.3a9dc5f6e0302a448258f708c41a5ea0/>

New Field Guide for Educators: No Student Left Indoors

By Jane Kirkland, author and publisher of the award-winning Take A Walk series of nature adventure books. No Student Left Indoors: Creating a Field Guide to Your Schoolyard, is a guide for K-8 grade teachers to create an interdisciplinary nature-study in any schoolyard. Stillwater Publishing, June 2007.

<http://www.takeawalk.com>



Live Monarch Foundation Program

The Live Monarch Foundation (501c3) Educator Outreach Program is providing funding for 4,600 teachers throughout the United States to enroll into the National Campaign: to bring Monarch Butterflies into the classroom. This program provides education and materials to strengthen the Monarch's 3,000 mile migratory route within North America by creating self sustaining butterfly gardens and refuges.

Current extreme weather has eliminated early milkweed growth...your participation is critical.

This program will give you, your students and their parents an exciting, personal, educational and hands on experience. Materials will be provided for each participant to raise a virtual butterfly and start a real butterfly garden with professional instruction on each level of its maintenance and care, with insight into the shared responsibility of each person to protect our fragile environment one backyard at a time.

www.LMF-Educator-Award.com/index.html

Sea Stories Online Journal

Feed your imagination with the just-released Vernal 2007 issue of Sea Stories, an online journal of creative writing and art by ocean-lovers from all backgrounds and walks of life. Educators are invited to use Sea Stories in the classroom or as a publishing opportunity for themselves or their students.

<http://www.seastories.org>

Soil-Net

Soil-Net.com is an educational resource about soil, with extensive teacher aids supporting many curriculum-based interactive student activities.

<http://www.soil-net.com>



GLOBIO - Mapping Human Impact

This UNEP program, Global Methodology for Mapping Human Impacts on the Biosphere (GLOBIO), uses models and analysis to assess human impact on the biosphere. The Web site features maps, videos, and documents, as well as a description of the model and scenarios.

<http://www.globio.info/>



More EE Resources can be found on the CREEC 8 Website in the "Resource Directory" as well as the "For Teachers" link.

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Trainings & Workshops

2007 Summer Institutes @ Cal Poly, San Luis Obispo

Go to: <http://chemweb.calpoly.edu/lberberj/2007SummerInstitutes.htm>
to download flyers and to register online.



1. Water in the Solar System

Presenters: John Keller & Art Hammon Dates: July 30-August 3, 2007

More info.: 805-756-1665

jmkeller@calpoly.edu (Dr. Keller)



2. Materials Chemistry

Presenter: Grace Ann Neff Dates: July 30-August 3, 2007

More info.: 805-756-1687 gneff@calpoly.edu (Dr. Neff)



3. Electricity & Magnetism

Presenter: Seth Bush Dates: August 6- 10, 2007

More info.: 805-756-2747 sbush@calpoly.edu (Dr. Bush)



4. Science of Color

Presenters: Neff, Gragson, Himelblau Dates: August 6-10, 2007

More info.: 805-756-756-1687 gneff@calpoly.edu (Dr Neff)

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5. Earth Science Topics

Presenter: Lynn Moody Dates: August 6-10, 2007

This workshop is limited to 14 participants due to field trip transportation issues.

More info.: 805-756-756-2807 lmoody@calpoly.edu (Dr. Moody)

There is NO cost to participating teachers but space is limited and priority is given to teachers in the following programs:

CCMaSP Participants - There are 30 stipends for the Santa Maria Bonita 4th-8th grade teachers. TRI-Central Coast Science (PLC): There are 25 stipends @ \$500/ week for Middle school and High school teachers participating in the Professional Learning community. Sign-up on line here. For more information about this program [click here](#).

CCSP - There is a limited number of stipends for teacher outside the above programs. Apply early! These workshops are NCLB certified and may be covered by your district. Our focus is NCLB goal II. Extended education credit (4 units @ \$75) is available for each 40 hrs program. Space is limited to 20 teachers per workshop!

Childcare programs in the area:

Science Adventures is running 2 camps at Cal Poly during our workshops. To register and get more information go to: http://www.scienceadventures.com/CA_SLO.htm

YMCA has some summer programs that run on our workshop weeks:

<http://www.sloymca.org/programs.htm#Summer>

The Laureate School has a session that starts on July 30 to August 17. Go to their website for information:

<http://www.laureate-private.com/>

General questions? Dr. Lola Berber-Jimenez Central Coast Science Co-director
805-756-0292

lberberj@calpoly.edu

2007 Boeing Teacher Institute: Exploring California marine life

Who: K-8th grade teachers

When: August 27 - 31 2007

Where: Aquarium of the Pacific & Santa Catalina Island

Cost: FREE

Join us for a week of hands-on learning and discovery in the Aquarium of the Pacific's Boeing Teacher Institute. Throughout the week, participants will receive an intensive introduction to the Aquarium, marine biology and Southern California's diverse marine life, habitats and ecosystems. Guided tours, standards-based activities and field trips to such locales as Santa Catalina Island will provide teachers with an up-close look at California's marine life. Each participant will also receive their very own aquarium complete with filtration and a guidebook on how to incorporate aquariums into their curriculum. Space is limited For more information contact Alie LeBeau at 562-951-1631.

www.aquariumofpacific.org/education/schoolprogramsinfo/C224/

More Trainings & Workshops can be found on the CREEC 8 Website in the "For Teachers" link.

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Community Events



Join Us for the Coastal Discovery Center at San Simeon Bay Anniversary Celebration

Celebrating Our First Year!

When: Saturday, July 28, 2007

Time: 11:00 a.m. to 3:00 p.m.

Place: William Randolph Hearst Memorial State Beach, San Simeon
Contact: Michele Roest (805) 927-2145 or michele.roest@noaa.gov

Celebrate one year with the Coastal Discovery Center at San Simeon Bay! The Coastal Discovery Center at San Simeon Bay is an environmental education facility cooperatively operated by the Monterey Bay National Marine Sanctuary and California State Parks. A special day of festivities will take place at William Randolph Hearst Memorial State Beach in San Simeon

Reminders for Fall Community Events:

September 15, 2007 is Coastal Clean Up Day
September 29, 2007 is Creek Clean Up Day

SUSTAINABLE AG EXPO to be held in Paso Robles: November 1 & 2

The Central Coast Vineyard Team will be holding its annual sustainable agriculture conference in November at the Paso Robles Event Center. A premier gathering for education on sustainable production ag. practices! FOR INFORMATION visit <http://www.vineyardteam.org/events/agexpo.php> or contact jill@vineyardteam.org



September 29, 2007

Lend a hand for the 14th annual coast-to-coast effort to clean up public lands to help preserve America's lands. The focus this year will be on countering the tide of invasive species taking over habitats and native species.

<http://www.publiclandsday.org/>

COASTWEEKS – Sept. 15 – October 7

Each fall, people all over the country participate in COASTWEEKS, a celebration of our coastal and water resources. This year the event takes place from September 15 to October 7, kicked off by International Coastal Cleanup Day. In California, COASTWEEKS is coordinated by the California Coastal Commission. The Commission will feature the events of participating organizations in a special section of our website, and we'll be conducting outreach to publicize it. Special events created for COASTWEEKS and preexisting coast- and water-related events are eligible. This celebration is a great way to expand your outreach and to participate in a nation-wide effort to encourage appreciation and preservation of our coast and our inland waterways.

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If you would like to take part in **COASTWEEKS** and have your event featured on www.coastforyou.org, fill out the attached form and turn it in ASAP! The deadline for **COASTWEEKS** is July 27. If you have any questions or concerns, please call (800) Coast-4U, or email afrankel@coastal.ca.gov. The **COASTWEEKS** calendar will be on-line by August 1, 2007.

Don't forget, the 23rd Annual California Coastal Cleanup Day is September 15, when 50,000 Californians will come together to keep our beaches, rivers, streams and wetlands free of debris.
For more information, visit www.coastforyou.org.

The 2007 **COASTWEEKS** calendar will go online August 1st www.coast4u.org

More Community Events can be found on the CREEC 8 Website in the "EE Calendar" link.

Contests & Grants

STATE FARM GOOD NEIGHBOR SERVICE-LEARNING GRANTS

Grants to support youth-led service-learning projects for Global Youth Service Day, April 25-27, 2008 will be available in July/August. These grants of \$1,000 are designed for youth, teachers and school-based service-learning providers to address important issues that youth care about. Visit <http://www.YSA.org/awards> and click on the Past Grants to view 2007's winners and their projects, as well as last year's application. **Deadline: October 2007**

Healthy Sprouts Awards

Deadline: October 15, 2007

The National Gardening Association Healthy Sprouts Award helps support the growth of health-focused school and youth garden programs that teach about nutrition and the issue of hunger in the U.S. To be eligible, a school or organization must plan to garden in 2008 with at least 15 children, ages three to eighteen.

<http://assoc.garden.org/>

NSTA New Science Teacher Academy Fellowships

Deadline: September 30, 2007

Who: 6-12th grade teachers in their first through third years of teaching

There are two tiers of participation in the New Science Teacher Academy: NSTA Fellows and NSTA Associate Fellows. Both fellowships include a year-long immersion in a host of science-related activities and professional development opportunities. A comprehensive NSTA membership package and an NSTA funded trip to attend NSTA's national conference are among the wide array of learning experiences available to participants. NSTA Fellows will also receive online mentoring with trained mentors who teach in the same discipline. www.nsta.org/academy

SeaWorld/Busch Gardens/Fujifilm Environmental Excellence Awards

Deadline: November 30, 2007

Grants for Students & Teachers Working to Protect & Preserve the Environment 2008 recognize the outstanding efforts of students and teachers across the country who are working at the grassroots level to protect and preserve the environment. Maximum award: \$10,000. Eligibility: all schools (grades K-12) and community groups. www.swbg-animals.org/conservation-matters/eea/about.htm

Coastal Steward Stories – August 1, 2007 Deadline

The California Coastal Commission is inviting the public to submit personal stories of coastal stewardship

Have a newsletter submission?

Contact Teresa Lees for submission guidelines!

Contact CREEC 8

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for posting on our website, in conjunction with our Coastal Stewardship Pledge. If you have taken part in something (small or large) to care for our coast and ocean, please share your story and/or pictures in order to inspire others to take action in their daily lives.

Submit your coastal stewardship story by August 1st for the chance to win a "Coast-Lover's Prize Package" (a framed Coastal Cleanup Day poster with art by Christopher Wormell from our archives, a current Coastal Cleanup Day T-Shirt, a package of greeting cards featuring California coastal animals, and maybe some other surprises...). Make your submission by email to coast4u@coastal.ca.gov or by postal mail to: Coastal Steward Stories, California Coastal Commission 45 Fremont Street, Suite 2000, San Francisco, CA 94105



Be sure to include your phone number, mailing address, and email (if available) in order to be eligible for the contest. Submissions will be posted on the California Coastal Commission's website (at CCC discretion) at <http://www.coastal.ca.gov/publiced/steward/stories.html>. You can also find more information on the CCC homepage at www.coastal.ca.gov. Online voting will take place in August.

For ideas on how to be a Coastal Steward, check out the Pledge at www.coastal.ca.gov/steward/pledge_form.html. Have fun, and thank you for making a difference for our coast and ocean!

More Contest & Grant Opportunities can be found on the CREEC 8 website in the "Funding Opportunities" and "Student Contests" links.

Conferences

Greentools Conference

Registration OPEN for CHPS' Greentools for Healthy Schools Conference- Sept. 27 Online registration has opened for CHPS' 2007. This conference is intended for those involved in the design, operation and construction conference is an opportunity of school facilities. The goal is for attendees to learn about and discuss the future of greener, healthier schools. The Greentools for Healthy Schools conference and expo aims to make high performance schools a feasible, affordable reality for school districts.



The conference, which will take place on **September 27 in San Francisco, CA**, will feature the CHPS Green Apple Awards, which will award the best of the best in high performance school building; a high profile keynote speaker; two tracks of educational workshops throughout the day and a high performance products and services exposition and reception. Register today at the website: <http://www.chps.net/greentools.htm>

Plus.....



Green Schools Summit in Pasadena December 4-6, 2007

Another conference for greening of school facilities will also take place in December.

Here is the website: <http://www.green-technology.org/gcschools/attende.htm>

16th Annual California Science Teacher Association Conference

Deadline: Early-Bird Registration June 30, 2007

When: October 25-28, 2007

Where: Long Beach Convention Center
Long Beach, CA

Cost: \$98 for CSTA members if you register by June 30, 2007

The 2007 conference will feature some of the biggest names in the space and forensic sciences. This year's conference will feature speakers that can answer these questions and more! There are ten focus speakers scheduled to present topics ranging from astronomy and evolution to climate change and student achievement. Over 200 one-hour workshops will be offered for teachers in every science discipline and every grade level, including life science, earth science, physical science, literacy, EL, technology, pedagogy, assessment, and much more! Field courses offered at the 2007 conference include hands-on, investigative field work on board a real research vessel, a visit to the California Science Center, kayaking in the Newport Back Bay, a behind-the-scenes look at the Aquarium of the Pacific, snorkeling at Catalina, and other fascinating programs and destinations throughout the Long Beach area. Upper-division university credit is available. To request a registration brochure, e-mail registration@cascience.org. or visit the website www.cascience.org/conference

More Conferences can be found on the CREEC 8 Website in the "EE Calendar" or "For Providers" links.

EE Jobs

Employment Opportunity with the California Forest Products Commission

Position: Education Director

Location: Auburn, California

Application Period: Applications being accepted immediately, open until filled

Background: The California Forest Products Commission was established by legislation in 1990 to educate the public about California forests and the products they provide. The mission of the Commission is to foster an understanding of the benefits of California forestry and California Grown wood.

More.....

Duties: The Education Director administers the education programs that are designed to provide scientifically sound, balanced environmental education materials for schools and the public. This position includes the administration of environmental education programs under the umbrella of the 501(c)3, The Forest Foundation, and Talk About Trees. Responsibilities include:

- Design and administer teacher resources and training opportunities including conferences, in-services, institutes and workshops, both in the classroom and the field, printed materials
- Design and administer student presentations and resources for both formal and informal educational venues, as well as printed materials.
- Work with counselors, college and university personnel and industry to provide career and university outreach programs in the fields of natural resources.
- Work with various state agencies and education organizations, including the California Department of Education and the Environmental Education Initiative, to review curriculum and supplemental resources for accuracy.
- Sustain and build new partnerships with schools, agencies, environmental education, professional organizations and education media.
- Work with commission staff to maintain and develop program databases and



California Forest
Products Commission

websites, and measure program success.

-Work with commission staff to develop and implement budgets, prioritize multiple projects, develop financial resources and supervise contracted work.

Candidate: This position requires the ability to work effectively with the public, various agencies and to work independently. The applicant should have work-related experience in youth-development education or a non-profit setting and be able to think innovatively to develop new ways to reach students and teachers. A California Teaching Credential is strongly preferred, but not required. Prior experience in budget management, fundraising, project

management and knowledge in the fields of natural resources and/or agriculture is preferred. Excellent writing and communication skills are required. The flexibility to work occasional evenings, weekends and some travel is required.

Salary: Based on experience. A competitive comprehensive health benefits and retirement investment program are offered to full-time employees.

To apply: Please email a cover letter and current resume to:

Donn Zea, President
California Forest Products Commission
dz@calforests.org

California Forest Products Commission – www.calforests.org
853 Lincoln Way #208, Auburn, CA, 95603 – 1-877-REPLANT
Fax (530) 823-2362

More EE Jobs can be found on the AEOE Website at www.aeoe.org

This newsletter is a publication of the California Regional Environmental Education Community (CREEC) Network in Region 8. CREEC is administered by the California Department of Education, Environmental Education Program, in partnership with numerous agencies. In Region 8, CREEC is housed by the San Luis Obispo County Office of Education.
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