

**Exploratorium Teacher Institute
and Literacy For Environmental Justice
present
Understanding The Science of Sustainability
Saturday, September 11, and Saturday, October 16, 2010,
8:30 am – 4:00 pm**

Our Understanding the Science of Sustainability institute will focus on environmental awareness, stewardship, eco-literacy and sustainability. This 2-day institute for teachers (one Saturday in September and one Saturday in October) will be based at LEJ's new EcoCenter at Heron's Head Park in San Francisco. The EcoCenter is the first environmental education center in the Bay Area to focus on environmental justice. The EcoCenter's sustainable technology and construction provides the science content foundation for our program. We will examine the use of various technologies and strategies through hands-on activities and discussions. Subject areas will include solar power, wastewater treatment, wetlands as filters, rainwater catchment, green building, and native plant gardening. Sample activities include building simple solar cells, modeling filtration systems, participating in a beach cleanup at Heron's Head Park, exploring the mathematics of rainwater catchment and calibrating the amounts of water needed for native plants. Time will be provided during the Institute for teachers to meet in small groups to adapt institute ideas to their own curricula and to help teachers plan a field trip to the EcoCenter. Teachers attending this institute (2 Saturdays) will be paid a \$200 stipend. This institute is funded through the generous support of the Clarence E. Heller Charitable Foundation. Preference will be given to secondary teachers from San Francisco Unified School District. **Trainings will be held at the EcoCenter, 32 Jennings St. (& Cargo Way) in Bayview Hunters Point, SF.**

Follow up half-day Saturday Workshops will be offered during the 2010/2011 school year. Attendance at these follow-up workshops is not required.

Application Due Date: September 1, 2010

Name: _____

Home Address: _____

City/State: _____ Zip: _____

Home Phone: _____ Cell Phone: _____

Email: _____

What is the best way to reach you? *Circle one:* Home phone Cell phone Email

see next page

1. How did you find out about this program? _____
 2. School Name: _____ District: _____

School Address: _____

3. What year did you begin teaching in a formal classroom setting? _____

4. List the courses you expect to teach during the 2010/2011 academic year.

Course	Grade Level

5. List or describe prior education, relevant work experience, teaching experience, background, previous careers, etc. *(Please attach a résumé or a separate sheet with your answer to Question 5.)*

For your answers to questions 6, 7, and 8, please attach a separate sheet. Please print neatly or type your responses.

6. Have you played any roles in education outside the classroom? For example, mentoring, presenting workshops for teacher colleagues, participating in school curriculum development, publications, etc.

7. Describe your teaching experience. What are your classes like? What special challenges do you face?

8. What do you hope to gain by participating in this Institute?

Please email or mail your application to: Lori Lambertson,
 Exploratorium Teacher Institute, 3601 Lyon Street, San Francisco,
 CA 94123. Email: llambertson@exploratorium.edu

