



San Diego County Office of Education
Learning Resources and Educational Technology
In conjunction with
Solar Schoolhouse
Presents



Solar Primer Workshop

July 8, 2008, 9:00 – 4:00
San Diego County Office of Education

An introduction to teaching renewable energy for teachers and parents, Grades 4-8

The workshop includes presentations & activities using solar electric & solar heating technologies. The goal is to improve student energy literacy aligned with the California Science standards. The process is engaging, rigorous, and fun!

Participants will be engaged in:

- * Using solar electric panels to power a variety of electrical appliances including:
 - o Music systems, Motors, model Cars, Art, Water fountains, smoothie carts, lighting, etc.
- * Sizing solar electric systems to meet the energy demands of classroom electrical projects
- * How to use solar electric cells to teach electricity
- * Building solar cookers which concentrate the energy of the sun:
 - o Relevant science principles include radiation, conduction, convection, insulation, energy transformation, greenhouse effect, reflection and absorption.
- * Using solar energy to distill and pasteurize water

Participating teachers who commit to showcasing student work at the High Tech Fair, March 2009 will receive: Your Solar Home (guidebook, DVD, poster), Solar Decathlon (book/DVD)

All Participants will receive solar posters, solar cooker (you build), and a solar powered whirlygig (you build)

Instructors: Hal Aronson & Tor Allen, Rarus Institute-Solar Schoolhouse

Tuesday, July 8, 2008
9:00 am – 4:00 pm
Fee: \$30.00*

San Diego County Office of Education
Room 401
6401 Linda Vista Road
San Diego, CA 92111



Register online by 7/1/08

<http://ems.sdcoe.net/showmore.asp?EventID=30194>

*Additional costs underwritten by SDCOE Science Unit

Registration includes: Continental breakfast and workshop materials.

Additional materials will be available for purchase.

No Refunds – Cancellations Must Be Received 1 Week Prior to Workshop – Substitutions Permitted

Workshop information contact: Nancy Taylor, ntaylor@sdcoe.net or (858) 292-3854

Registration information contact: Ana Nicasio, anicasio@sdcoe.net or (858) 292-3789



The San Diego County Office Superintendent of Schools/County Office of Education is a tobacco-free facility. Tobacco use (smoked or smokeless) is prohibited at all times on all areas of county office property.