



# SUN POWER FOR THE SCHOOLS

BUILDING ANAHEIM'S FUTURE

## Solar Schoolhouse and Anaheim Public Utilities present **A SOLAR PRIMER WORKSHOP** **JANUARY 30TH , 8:30AM – 3:30PM**

This hands-on, project-based, professional development workshop will provide an introduction to solar energy through a personal connection – *your home*. The 'Your Solar Home' curriculum materials guide you through the fundamental math & science principles, along with historical perspective, to prepare you and your students for a New Energy Future that is here today!

You'll review the fundamentals of solar energy along with heat transfer basics (radiation, conduction, convection), applying these principles to the construction of a working solar cooker that can reach 200F. You will also learn about the magic of photovoltaics (aka solar cells) that convert sunlight to electricity -- with no moving parts! -- and you will wire solar cells together powering motors, fans, and radios.

You'll take away techniques for enhancing your electricity lessons and ideas for projects you can build with your students. You'll build a solar powered musical whirlygig that will serve as teaching tool in your classroom.

**WHO: ANAHEIM EDUCATORS GRADES 3-12**

**COST: FREE (COURTESY ANAHEIM PUBLIC UTILITIES)**

**INSTRUCTOR: TOR ALLEN, RAHUS INSTITUTE- SOLAR SCHOOLHOUSE**

**WHEN: JANUARY 30TH, 2009. 830AM-330PM**

**LOCATION: ANAHEIM DOWNTOWN COMMUNITY CENTER – 250 E. CENTER ST.**

**TO REGISTER: CALL (949)450-7154 OR EMAIL TO**

**[TTAY@ECOMOTION.US](mailto:TTAY@ECOMOTION.US) BY JANUARY 23.**

**NO COST, BUT SPACE IS LIMITED. REGISTER TODAY!**



[www.solarschoolhouse.org](http://www.solarschoolhouse.org)

### Participants will receive:

*Your Solar Home Curriculum* (DVD + Student and Teacher Guidebooks), *Solar Decathlon – Solar Home Design Competition* (DVD+Book), Posters, books on how to build Solar Ovens and other solar projects, Solar Whirlygig Project (You Build), Digital Multimeter for use in experimenting with solar cells in the classroom, and more!

**“Preparing for the New Energy Future – that is here today!”**