



Going Green News

February 2012 — Issue #8

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STUDENT CONTEST—DESIGN A GREEN SCHOOL

Get your students involved in this year's annual green contest to promote awareness and green practices in the District.

Entries: Draw or build a model of your idea of an environmentally friendly school. Include a detailed description of its green concepts and features and how the school conserves resources and reduces waste. Identify the student's name, teacher, grade, and school.

Who: Entries can be submitted as a class or from individual students.

Prizes: The winning class entry will win a field trip to the OC Green Fair. The 1st place individual entry will win an iPod. 2nd and 3rd place will win \$50 Target gift cards. Entries will also be displayed at the OC Green Fair for a chance to win additional prizes.

Deadline: Submit entries to the Facilities Department by Friday, April 13th, 2012

Did you know the District spends approximately **\$6.6 million annually on energy costs alone!** Imagine if each school reduced their energy costs by just 10%, it would save the District \$660,000 annually!

Calling All Students!

The County of Orange is looking for student artwork to display at the annual Art Walk at the OC Green Fair. The Art Walk will feature work from students all over OC, so let's make sure SAUSD is represented. Please forward this news to your students and staff. There is an opportunity to win prizes!

This could be a class assignment — For example: Draw ten ways to help the environment. Write an essay on what "living sustainably" means to you...Anything goes.

Earth Day is just around the corner! - April 22nd

Start planning your Earth Day events and activities now! Here are some ideas :

- Pledge an act of green
- Create an essay or art contest
- Give out "Green Hero" awards
- Visit your local zoo or aquarium
- Organize a day of service (beach cleaning, tree planting)
- Watch an environmental documentary (like Blue Planet)
- Create a video about what your school does to be green
- Create an environmental trivia game

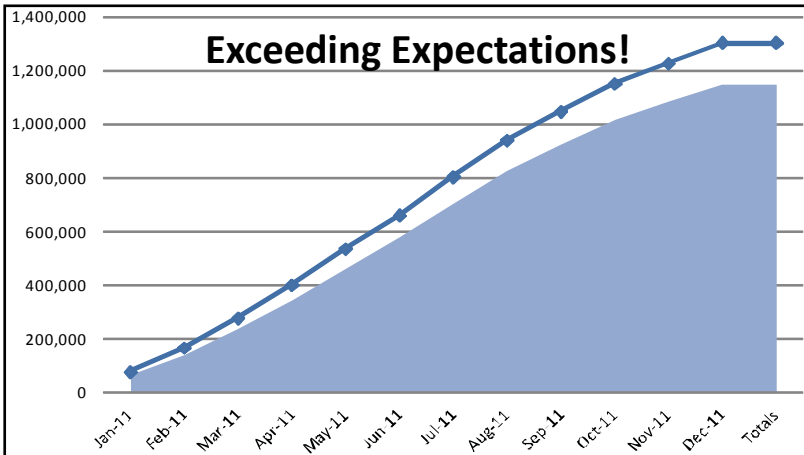
For lesson plan ideas go to: <http://www.lessonplanspage.com/earthday-htm/> or www.theteachersguide.com/earthdaylessonplans.htm.



A Look Back on the Saddleback Solar Project



The Saddleback solar project was installed and generating energy in summer 2010. **In 2011, the District saved \$145,860 in energy costs!** The solar equipment is exceeding energy production expectations, saving the District \$30,413 more than anticipated. In addition, the project significantly reduced the output of greenhouse gasses, equivalent to **removing 69 cars** from the road for each year!



Cost Savings Summary

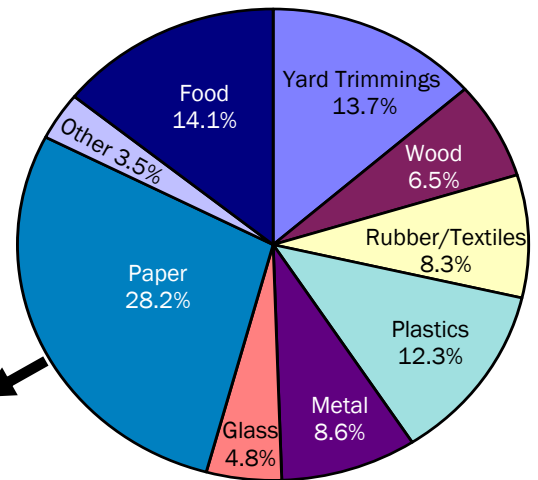


Expected Production (kWh) Actual Production (kWh)

2013 National Solar Decathlon at the OC Great Park

The US Department of Energy announced the 2013 Solar Decathlon will be held at the OC Great Park. The Solar Decathlon challenges international collegiate teams to design and build solar-powered houses that are cost-effective and attractive while promoting the education and economic benefits of energy efficiency. Visitors will be able to tour the renewable energy houses at the constructed Great Park Solar Village in the fall of 2013.

CLASSROOM CRAFT PROJECT



National Solid Waste Generation (before recycling)

Not ready to buy a Smart Car just yet?
These simple strategies will save gas and money no matter what model you drive.

SAVINGS PER GALLON

 \$1.20 Avoid rapid accelerating & braking \$480.00 (Per Year)	 15¢ Go for regular tune-ups \$60.00 (Per Year)	 7¢ Remove junk from the trunk \$28.00 (Per Year)
 84¢ Stay under 60 mph \$336.00 (Per Year)	 11¢ Keep tires inflated \$44.00 (Per Year)	

Potential savings based on an average of \$3.65 per gallon (US Department of Energy), 25 miles per gallon, and 10,000 miles per year.