SUSTAINABLE *focus*

GCCCD SUSTAINABILITY PROGRAM

The cheapest unit of energy is one that isn't purchased.

The cleanest unit of energy is one that isn't created.
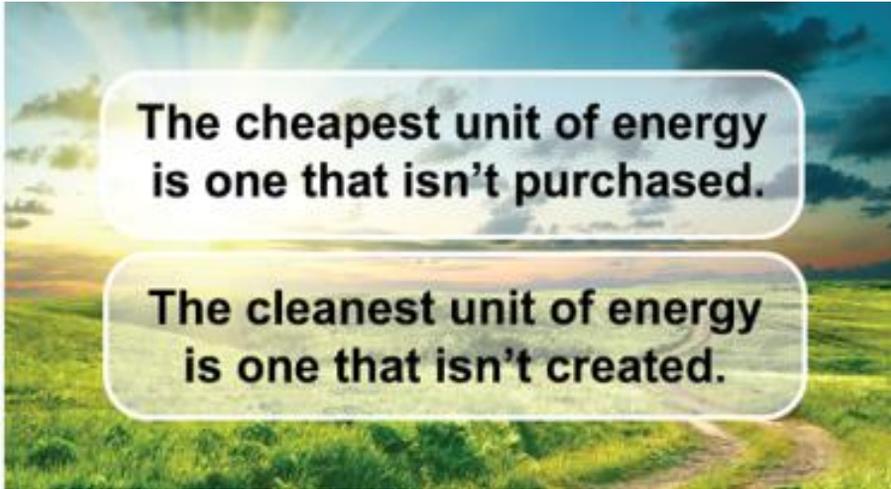
Energy Conservation Efforts at GCCCD

❖ Keeping doors closed saves $1/hour
❖ Turning off lights and projectors when leaving a classroom (saves
❖ Turning computers off each night and weekend can save $153,000 districtwide each year. This is equal to almost 1 million kWh, or the amount of electricity required to power 93 homes for one full year!
❖ Maintaining a temperature standard of 68 for heating and 74 for cooling – saves over $30,000 per year

Energy Conservation v. Energy Efficiency

The terms "energy conservation" and "energy efficiency" are often used interchangeably but actually mean different things. Both involve lowering energy consumption, but each differ in their approach.

Energy conservation refers to any behavior resulting in not using energy at all. For example: Turning off the lights when leaving a room. Output is reduced and energy is conserved.

Energy efficiency is a technological approach to using less energy. With efficiency, the same level of output is maintained by less energy is required to perform the same function.

For example, if you replace a traditional incandescent light bulb with a more efficient compact fluorescent light bulb (CFL), the space will be illuminated with the same amount of light, but will use less energy. Efficient technology is applied, output is maintained, and energy consumption is reduced.

EE Projects at GCCCD

Over the past three years GCCCD has used Prop 39 and Prop V funding to implement EE projects including:
❖ Light change outs
❖ Upgrading the chiller plant
❖ Upgrading roof top units
❖ New track bioswales

Sustainability Program Contact

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Sustainability Specialist
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EARTH MONTH ACTIVITIES– APRIL 2017

April is national Earth Month. As part of the celebration, GCCCD has been doing some great work to help our planet. On Friday April 7th, students and faculty met at Grossmont College for the annual Beautification Event. Following an exciting presentation by Geography Professor Tim Cliffe, the students and staff spent four hours removing invasive species, weeds, and trash from the bioswales throughout Grossmont. At the end, twelve cans of trash had been collected.

Cooling Season Energy Conservation Tips:

On Campus:
- ❑ Keep office and classroom doors closed
- ❑ Know where the thermostat is in your area and make sure that it is not being blocked or that an electrical appliance is affecting it
- ❑ If you have windows in your area, be sure to use the blinds to control solar heat gain
- ❑ Dress in breathable layers and consider the weather forecast when dressing
- ❑ Drink plenty of water; it helps regulate body temperature

At Home:
- ❑ Ensure that thermostats are set back, or turned off, when you leave for the day (85 is a typical set back temperature)
- ❑ Before turning up the AC, try drinking cool water or changing clothes
- ❑ Turn off and unplug appliances not in use- removing the extra heating load from electronics

First Annual
Sustainability Resource Fair

April 27th 10am-1:30pm Grossmont Quad.

The fair is meant to connect students, staff, and the community to a multitude of companies, organizations, and individuals working on sustainability initiatives throughout the greater San Diego area. Meeting with employers will give students an ability to gauge their academic career path against what industry is looking for in potential employees.

The Sustainability Resource Fair expects several hundred high school students who have shown an interest in sustainability, sciences, and engineering. The fair is a great opportunity for academic departments to recruit high school students to the wonderful academic programs at GCCCD.

Other events at the fair include a panel discussion by CleanTech representatives (10-10:45am) and student lead tours of sustainable features throughout the Grossmont Campus.

We are hoping to host the fair annually and alternate between the Grossmont and Cuyamaca campuses. The fair is still accepting industry and academic departments to host booths at the fair. Please contact Renee Nasori or Jacqueline Hall if you are interested in participating.