



Educational Resources for Schools

SOLAR: THE PG&E SOLAR SCHOOLS PROGRAM

The PG&E Solar Schools Program helps teach public school students throughout the PG&E service area about solar energy. The PG&E Solar Schools Program provides free solar energy-based curriculum training packages and workshops for teachers, and classroom materials and experiments for students. Its three components are:

- **Solar Installation:** Up to 40 schools each year will receive donations of a new one kilowatt photovoltaic system that converts sunlight into electricity. Installation of a solar panel demonstrates a school's commitment to energy conservation and may save several hundred dollars in energy costs each year. The package includes an online monitoring tool that provides real-time data on the system's activity and allows students to compare their solar panel's output with that of other solar schools across the state.



- **Bright Ideas Grants:** These grant awards ranging from \$2,500 to \$5,000 are available to fund local green or sustainable solar energy-related school projects such as solar ovens and school gardens. Public school teachers of K-12 students within PG&E's service area may apply for these grants.
- **Teacher Training:** All K-12 public school teachers in PG&E's service area are invited to attend our free one-day workshops taught by instructors from the National Energy Education Development Project. The Solar Schools curriculum is tied closely to California state standards. The workshops help teachers learn to use the curriculum to make math, science, and English fun for students by implementing hands-on, innovative energy units in their classrooms.

For more information, visit www.pge.com/solarschools.

HOW DOES PG&E HELP?

PG&E offers these and many other programs available for schools. To take advantage of these programs, contact your local PG&E Representative, the **PG&E Business Customer Service Center** at **1-800-468-4743** or visit www.pge.com/schools for additional details.



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CURRICULUM RESOURCES FOR SCHOOLS

Pacific Gas and Electric Company (PG&E) offers free curriculum resources that can help educate your students on how to be safe around electricity and natural gas, conserve natural resources, save money on energy bills at home, and protect the environment.

Curriculum resources include lesson plans and teachers' guides, books and posters for the classroom, and booklets children can take home. All materials are available in English and some in Spanish. Visit each program's website for information on available materials and how to apply for specific elements of a particular program.

PG&E has created the following programs especially for schools:

THE PG&E ENERGENIUS® PROGRAM

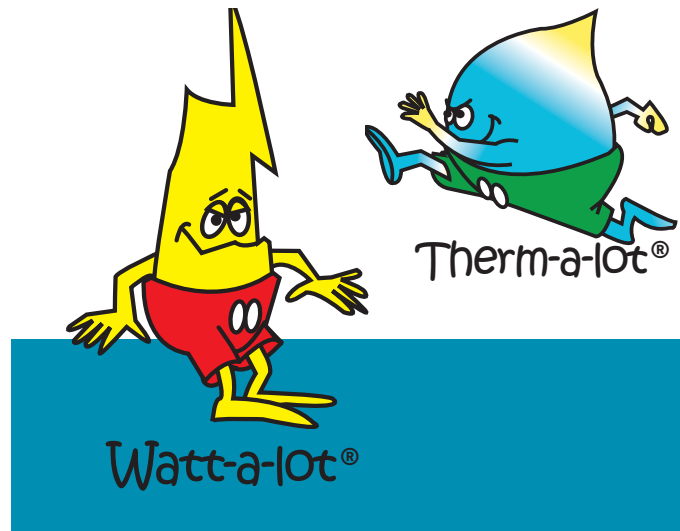
The PG&E Energenius Educational Program, correlated to the California Department of Education Content Standards, offers teachers of grades K-8 free curriculum guides, student activity books and supporting materials to teach students about energy, energy efficiency and the environment.

Two animated characters help children learn about using energy wisely:

WATT-A-LOT® provides examples of wasteful electric energy use, and **THERM-A-LOT®** provides examples of wasteful natural gas use.

The program is divided into the following grade levels:

- Kindergarten Program
- Energenius Habits and Primary Safety (grades 1-3)
- E Program (grades 4-5)
- Intermediate Safety (grades 4-6)
- Bill Buster Program (grades 6-8)
- Light Right Program (grades 6 and up)



Energenius offers students:

- Colorful posters, handouts and activity sheets
- Group learning games and lively videos
- A sense of empowerment to positively impact their environment

Energenius offers teachers:

- Clear, detailed lesson plans
- Field-tested materials that meet California State Content Standards
- An interesting way to educate children about energy, energy efficiency and safety

To learn more or to order an Energenius kit, visit www.pge.com/energenius.

SAFETY: THE PG&E SAFE KIDS PROGRAM

The PG&E Safe Kids Program provides teachers and students educational materials on how to stay safe around natural gas and electricity. The materials adhere to national and state teaching standards and support a variety of learning styles. Individual and group learning activities, facilitated discussions, experiments, quizzes and interactive online games help to teach students important energy safety practices.

Program highlights include:

- Comprehensive teachers' guides that can be downloaded from our website
- Pre- and post-tests that help teachers create an energy safety education plan tailored to their students' needs
- A fun, dedicated students' website for children in grades K-8, suitable for classroom or home use
- A selection of 16 educational safety booklets for grades K-8, all in English and some in Spanish, including:
 - Aunt Sarah and the Amazing Power, Electricity and Natural Gas (grades K-2)
 - Stay Safe Around Electricity and Natural Gas (grades 3-4)
 - Experiments to Explore Electricity (grades 3-6)
 - Electrical & Natural Gas Safety World (grades 4-6)
 - The Shocking Truth About Electricity and Natural Gas (grades 5-6)
 - Science and Safety of Electricity and Natural Gas (grades 6-8)

Teachers can order free materials online at www.pge.com/safekids.

