

Electricity Conservation

Electricity is made using different types of fuels. Coal, nuclear fission, natural gas, water, petroleum, and biomass are all sources of electricity. They all are used to force turbines or generators that convert their energy to electricity. Most of the electricity that is produced in the United States is made from fossil fuels or other nonrenewable forms of energy. Eventually the fossil fuels will be depleted. This means that there will not be any more.

It is easy to take electricity for granted. It surrounds us everywhere. When we think about the resources that go into its creation, we realize the importance of conserving it. Conserving energy means that we use it wisely. We try not to use it up too quickly or use too much at one time.

You can make a difference when it comes to saving electricity. You can make sure that you are making wise energy choices. Turn off the lights when you leave a room. Make sure that you do not leave the doors and windows open when the heat is on. On warm days, open windows and doors instead of turning on the air conditioning. You can even encourage others to conserve electricity.

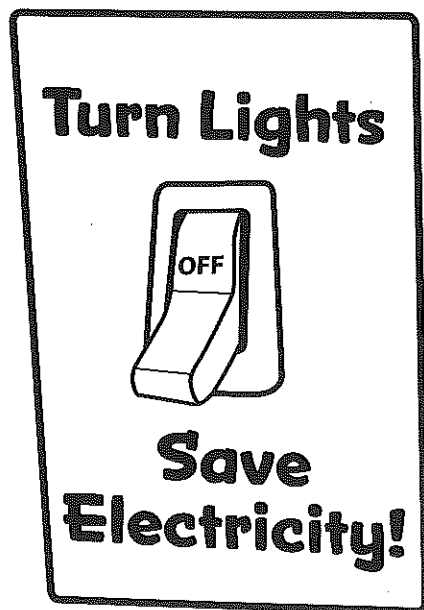


Project

Create an awareness campaign to conserve electricity in your school.

Materials

- writing paper
- pencils



Directions

1. Work with a small group to create a campaign in your school to increase students' and teachers' awareness of electricity waste.
2. Write a newsletter to be distributed to the school. Explain the importance of conserving electricity. Encourage the students in the school to turn out lights when they leave rooms and to see what other ways they can save electricity.
3. In your newsletter, designate a "Save Electricity Day" and invite students and staff to turn off computers and lights. See if your school can use the least amount of electricity possible. Ask students to write down what they did to save electricity and share it with the school.

For the Teacher

Make copies of each group's newsletter and distribute each one to different classrooms in the school.