

Energy at Home

ACTIVITY ONE



- A. On a separate sheet of paper, draw a picture of your room at home. Show all the things in the room that use energy.
- B. Find out what energy sources your home uses. Take a tour of your home with an adult. Look at the furnace, the electric meter, the gas meter, the air conditioner, and the hot water heater. Answer the questions below with your family's help.
1. What kind of energy is used to heat our home in the winter?
 2. What kind of energy is used to cool our home in the summer?
 3. What kind of energy is used to cook our food?
 4. What kind of energy is used to heat our water?
 5. What kind of energy is used to run our lights and appliances?
 6. Do we have insulation in the ceiling, floor, and walls?
 7. Do we set our thermostat at 68 degrees in winter? If not, at what setting?
 8. Do we set our thermostat at 78 degrees in summer? If not, at what setting?
 9. Do we use fans, open windows and turn off the air conditioning when we can?
 10. Do we use compact fluorescent light bulbs?
 11. Do we use sunlight whenever we can for light and heat?
 12. Have we wrapped our water heater with an insulating blanket?
 13. Is our water heater set as low as possible?
 14. Do we have low flow shower heads?
 15. Are there any holes or leaks in the duct work inside or outside?
- C. With your family, make a list of five things you can do to save energy at home.