

Greetings, Family!

Try to imagine your life in a world without energy. There would be no light, no heat, no movement, no noise—in short, there would be no you. Energy truly is what powers the world and makes life possible. Our science class will begin this unit by investigating different types of forces and simple machines. Then we will look at the different kinds of energy and how sounds and light move. We will also explore temperature, heat, and electricity.

You can make science come alive for your student by pointing out examples of energy that you encounter every day. Point out simple tools like wheels or pulleys. An ordinary object such as a pair of pliers can illustrate the way a lever works. You can use a thermometer to talk about temperature related to the weather or in cooking.

For this unit, we will also be doing some hands-on activities about forms of energy, using the materials listed below. Can you donate any of these items? If so, we need to receive your donated materials by _____.

- toy cars and trucks
- marbles
- rubber balls
- lightbulbs
- aluminum pie pans
- shoeboxes
- wool cloth

Finally, we could use your help in the classroom. Do you or other family members have any particular interest or special experience with this topic? Would you be able to help with the activities? If so, please fill out the form below and have your student return it to class.

Thank you very much for your help!

Family Newsletter

Unit F, Forms of Energy

Parent: _____ Student: _____

Phone: _____ E-mail: _____