

# Greetings, Family!

Energy drives the world in which we live. All movement, light, heat, and sounds come from some form of energy. Our science class will be exploring different kinds of energy in our next unit, “Energy and Motion.” We’ll explore electrical currents and circuits, different kinds of forces, and simple machines. Children will discover that using simple machines can make some difficult tasks easy to do.

How can you bring science from the classroom to your home? Point out and discuss some of the common simple machines you use in your everyday life—in the kitchen, the garage, and when doing chores and activities outside. You can encourage your child to look in magazines and newspapers and to watch the news for stories about the use of energy in its different forms: electrical, mechanical, sound, light, heat, and chemical.

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

- marbles
- metal spoons
- thin dowels
- dry cells (size D)
- flashlights
- plastic foam balls
- steel wool pads
- clear plastic wrap
- empty coffee cans

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 child return it to class.

Thank you very much for your help!

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## Family Newsletter

### Unit F, Energy and Motion

Parent: \_\_\_\_\_ Student: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_