

# Greetings, Family!

Just about everything that we come into contact with in our daily lives undergoes some type of change. Sometimes the change is a noticeable physical change in shape or size. Sometimes the change is barely detectable, perhaps a chemical change. In our next unit, "The Nature of Matter," students will investigate matter. They will learn how to measure matter and discover the physical and chemical properties of matter. Students will then explore how matter changes. They will learn that any change in matter always involves energy.

You can make science come alive for your student by pointing out examples of matter undergoing change around your house. Battery-operated devices change chemical energy to electrical energy. When you mix certain cooking ingredients, their properties may change physically. Encourage your student to notice changes in matter as they help you around the house.

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

- vinegar
- baking soda
- clear plastic containers
- spoons
- balloons
- sand

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!

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## Family Newsletter

### Unit E, The Nature of Matter

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

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