



## Chapter 1: Matter

Dear Parent:

**After completing this chapter, your child will know** how to observe and measure properties of matter and how to distinguish solids, liquids, and gases.

Your child will also learn how to describe water in its solid, liquid, and gaseous states; how to measure and compare volume and temperature; ways that matter can be changed; and how materials can be combined to build structures.



### At-Home Labs

You may wish to do the following labs at home with your child. They are easy and fun!

**Describe Materials** Observe objects made of paper, metal, plastic, rock, and wood. Record the materials used in each object. Record its texture, color, and shape.

**Water and Ice** Put some ice cubes in a bowl. Fill the bowl with water. Tell what happened to the solids. Tell what happened to the liquid.

### Vocabulary Smart Cards

Your child will learn these vocabulary terms:

**evaporate**

**gas**

**liquid**

**matter**

**mixture**

**physical change**

**property**

**solid**

**thermometer**

**volume**

**combine**

Help your child make these terms a part of his or her vocabulary by using them when you talk together about matter. You may wish to use your child's Vocabulary Smart Cards to play a memory game. Ask your child to give clues about each term so you can guess the term.

To learn more about *Interactive Science* and to see how your child is progressing through the program, go to **PearsonRealize.com**.