

# UNIT 3

## Atoms and the Periodic Table

**Chapter 6** *The Atom*

**Chapter 7** *Elements and the  
Periodic Table*

**Chapter 8** *Molecules and  
Compounds*

### TRY **THIS** AT HOME

Matter contains positive and negative charges. Put a small handful of puffed cereal or puffed rice into a saucer. Inflate and tie a balloon. Rub the balloon back and forth on your hair, a sweater, or a sock a dozen times.

Hold the balloon near the cereal. What happens? Try this with another kind of puffed cereal and compare to the first. Write a paragraph about your observations.

