

Measuring Weather



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Kinds of Weather



- Weather is what the air outside is like.
- The air may be warm or cool.



- ▶ It may be sunny or cloudy.
- ▶ It may be rainy or snowy.

Weather and Clouds



- Clouds are clues about the weather.
- Puffy clouds may mean nice weather.



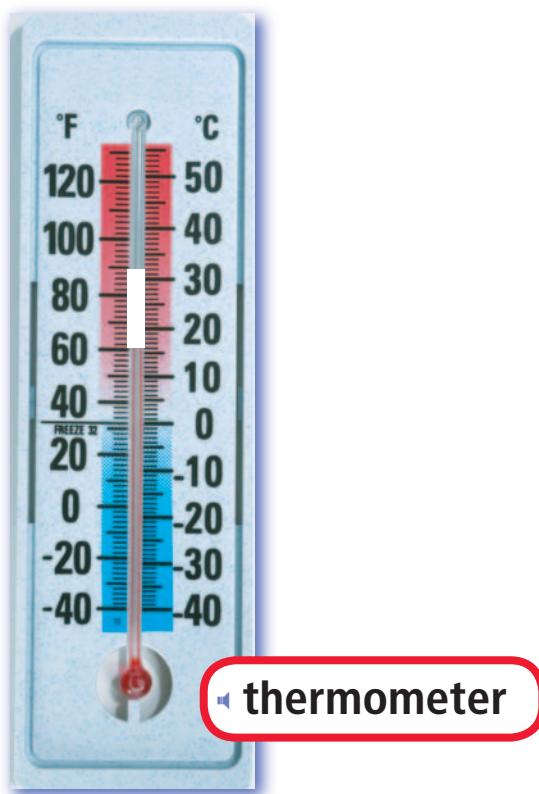
- Gray clouds may mean rain or snow.

Weather and You



- Weather can change from day to day.
- It is important to dress for the weather.

Measuring Temperature



- You can find out how warm the air is.
- Thermometers measure temperature.

Measuring Rain

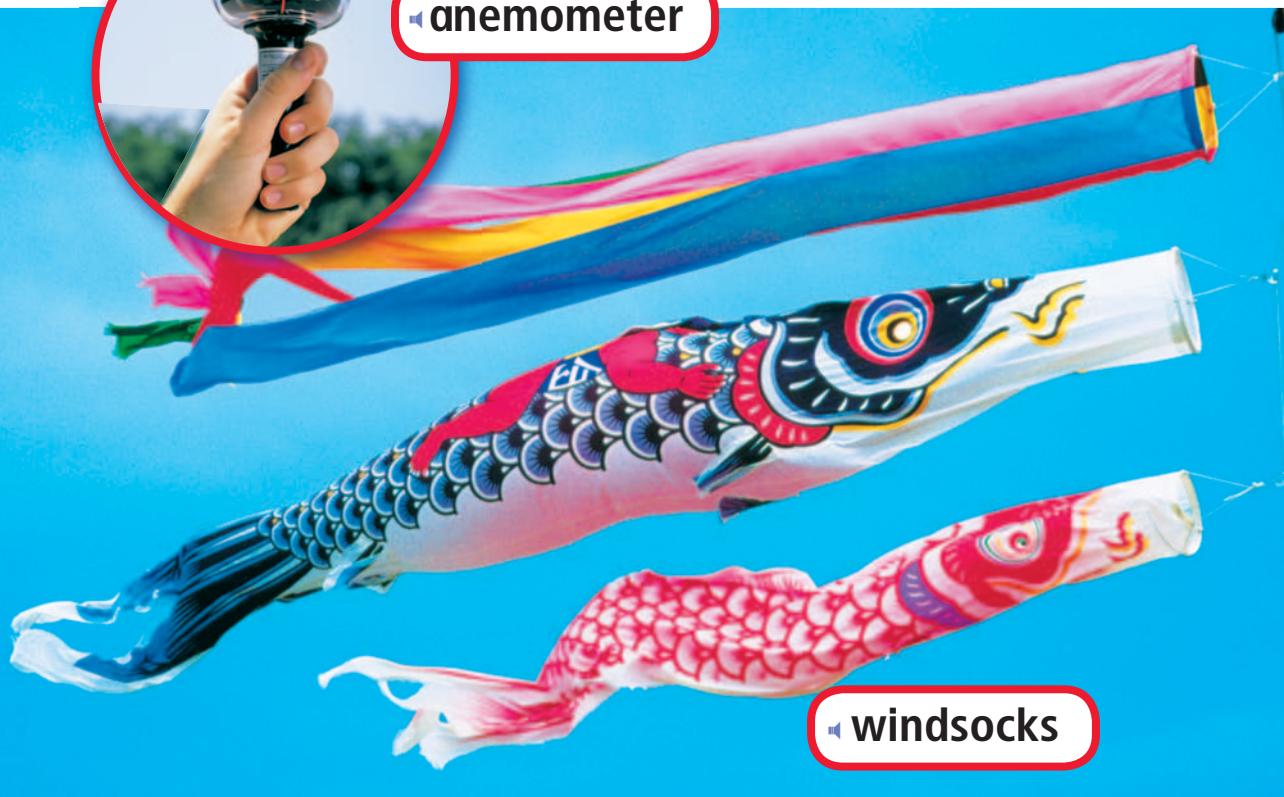


- Put a rain gauge outside.
- The gauge shows how much rain falls.

Measuring Wind



anemometer



windsocks

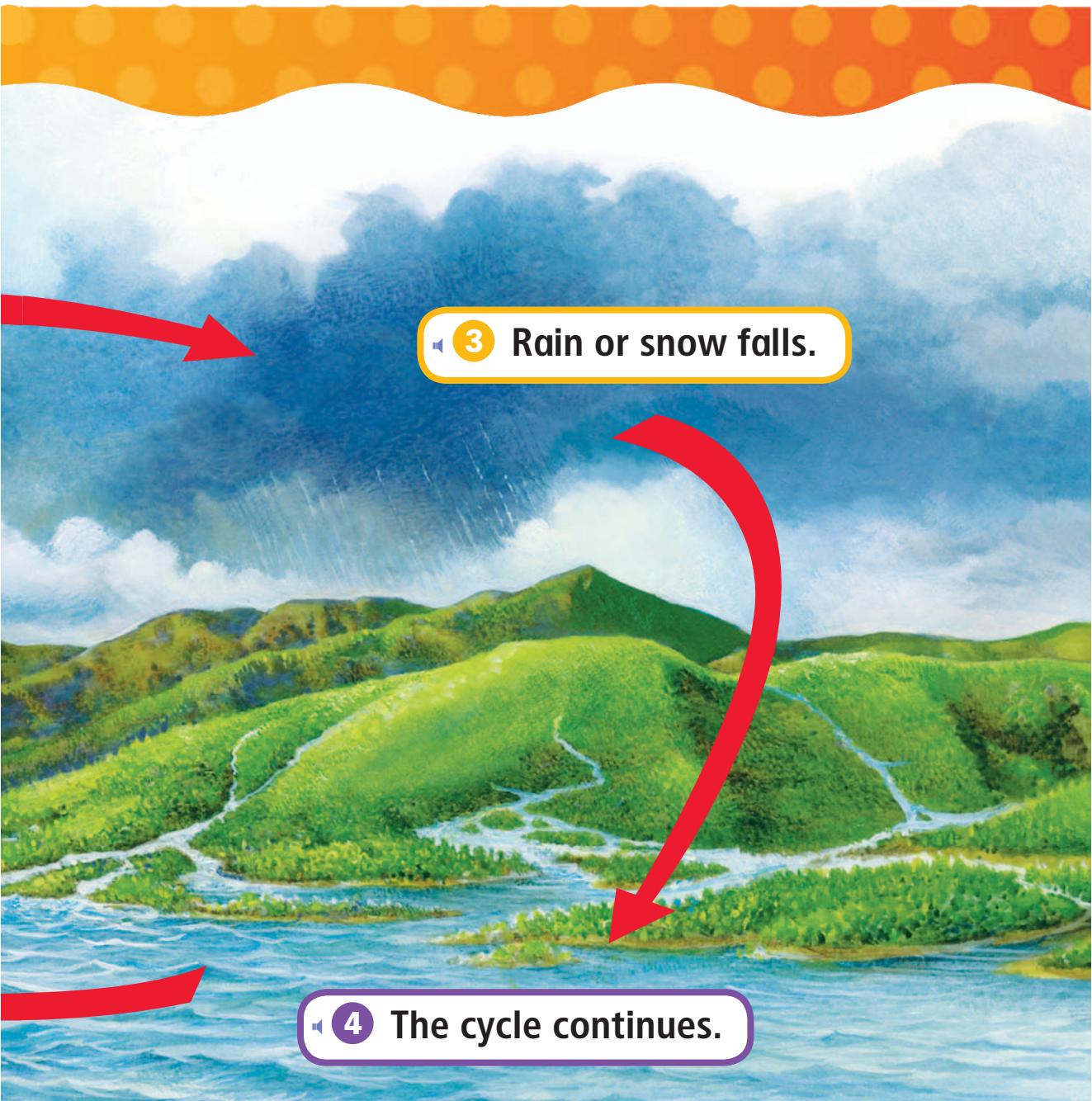
- Anemometers measure wind speed.
- Windsocks show wind direction.

The Water Cycle

2 Water vapor condenses and forms clouds.

1 Water evaporates.

- Clouds are part of the water cycle.
- Rain is part of the water cycle, too.



3

Rain or snow falls.

4

The cycle continues.

- Water moves from the Earth to the air.
- Water in the air falls back to Earth.

► Vocabulary

- weather, p. 2**
- thermometers, p. 7**
- temperature, p. 7**
- water cycle, p. 10**
- evaporates, p. 10**
- water vapor, p. 10**
- condenses, p. 10**

► **Think About the Reading**

- **1.** What more would you like to know about weather?
- **2.** How could you find out what you want to know?

► **Hands-On Activity**

- **1.** Hold a tissue by the corner.
- **2.** Go outside. Hold the tissue in the air. See the wind direction.

► **School-Home Connection**

- Tell a family member about different kinds of weather. Talk about the best clothes for each kind of weather.