

What Is Weather?

Summary

Weather can be wet or dry, hot or cold, sunny or cloudy, or windy or still. Weather tools tell what the weather is like. A thermometer shows temperature. A wind vane tells which way the wind blows. A snow gauge or rain gauge measures how much snow or rain falls. Water is in the air as water vapor. When water vapor cools, it forms clouds full of tiny drops of water or pieces of ice. Rain, sleet, and snow are kinds of wet weather. There are four seasons in a year—spring, summer, fall, and winter. For many places, the weather in each season is different. It changes from warm in the spring to cold in the winter.

Before Reading

Take a Picture Walk

Build background for the book by taking a picture walk with children. Discuss the pictures and preview the key vocabulary and concepts. Invite children to share what they know about weather.

Vocabulary

clouds, season, sleet, temperature, thermometer, water vapor, weather

Comprehension Skill: Predict

Say: We can use what we know to predict what might happen next. Suppose it is cold and rainy. The temperature is dropping and it is getting much colder. What do you predict will happen to the rain?

During Reading

Think Critically

Have children answer the *What Did You Learn?* questions located on the inside back cover of their book.

1. What are some opposite kinds of weather? Possible answers include: hot or cold, wet or dry, cloudy or sunny.

2. What are some weather tools? What do they measure? A thermometer measure temperature. A wind vane tells which way the wind is blowing. A snow gauge tells how much snow falls. A rain gauge tells how much rain falls.

After Reading

Writing in Science

Clouds are made of tiny drops of water or pieces of ice. Write to explain how clouds are formed and what they can tell us about weather. Use words from the book as you write.

Organize Information

Graphic Organizer: Predict Have children complete the Predict chart on the BLM for this Leveled Reader to predict what will happen to a puddle on a sunny day.

Related Resources

Vocabulary Cards	Equipment Kit
Every Student Learns	Activity Flipchart
Quick Study	LabZone
Big Book of Science Songs and CD	
Graphic Organizer Transparencies	
Quick Activity Transparency	
www.pearsonsuccessnet.com	

Write your answers.

1. What weather tool measures the temperature, or how hot or cold it is?

A thermometer measures temperature.

2. What are different kinds of wet weather?

Kinds of wet weather are rain, sleet, and snow.

3. How does the weather in each season change?

Spring can be warm. Summer can be hot. Fall can be cool. Winter can be cold.

4. You see a puddle on the ground on a sunny day.

What do you think will happen to the puddle water later in the day? Use the graphic organizer to help you.

Possible answer:

Predict

I know

I predict

The Sun is out on a sunny day.



The Sun will dry up the puddle.