Name _____

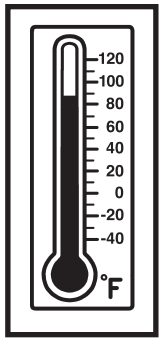
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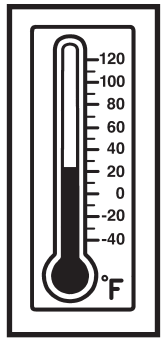
Lesson Quick Study

Lesson 2 - Why Do We Measure Weather?

1. Inquiry Skill Practice–Compare

Which thermometer shows it is a cold day, and which shows it is a hot day? Label them hot and cold. Tell how you know.





hot _____ cold _____

When the air is hot, the liquid in a thermometer goes up.

When the air is cold, the liquid in a thermometer goes down.

2. Use Vocabulary

Write the word that best completes each sentence.

precipitation	thermometer

Rain and sleet are two kinds of precipitation.

A thermometer measures how hot or cold the air is.

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Name _____

3. Main Idea and Details

Use this chart with the Lesson Review.

Main Idea and Details

Scientists use tools to measure weather.

- A (A) rain gauge measures how much rain falls.
- An anemometer measures the speed of the (B) wind.
- A (C) weather vane shows the direction of the wind.
- A (D) thermometer measures the temperature of the air.

4. Critical Thinking and Problem Solving

Look at these pictures. Which one do you think shows the best wind for flying a kite? Tell why.





Possible answers: The wind isn't blowing very hard in the first picture. The wind is too strong in the last picture. The wind in the second picture is blowing loose paper. It should be just right for flying a kite.

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