

Name _____

The Sun's Warmth

Steps

1. Fill one jar with water. Fill another jar with sand. Leave one jar empty.
2. **Measure** Put a thermometer in each jar. Read each thermometer. Record the temperature.
3. **Record Data** Put the jars in a sunny place. Record the temperatures every 30 minutes.

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Think and Share

1. **Use Data** How did the temperature of each jar change?

2. **Infer** What do your results tell you about how the Sun changes temperature?

Experiment

Guided Inquiry

Are your data the same as the data of others? If not, check your results. **Use data** you collect to decide why results were different.