

Measure Heat



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 each temperature in the chart below.

	Time 0:00	Time 0:30	Time 1:00	Time 1:30	Time 2:00
Air					
Sand					
Water					

3. **Record Data** Put the jars in a sunny place. Record the temperatures every 30 minutes.

Name _____

Think and Share

1. Compare Which jar had the warmest temperature after two hours?

2. Infer Why was one jar warmer?

Experiment Try the same experiment another day. Is your data the same as it was the first time? Why do you think that happened?

Guided Inquiry