



Track Temperature

Procedure

1. Record your observations in the chart below.

Temperature			
	Start	5 minutes	10 minutes
Spoon			
Water			

2. **Measure** Attach a strip thermometer to a metal spoon. Read the strip thermometer and record the temperature in your chart.
3. **Measure** Fill a bowl halfway with warm water. Use a regular thermometer to measure the water temperature. Record the temperature in your chart.
4. **Predict** Place the spoon in the bowl. Make sure the strip thermometer does not touch the water. Predict whether the temperatures of the spoon and the water will change over time. Record your prediction below.

5. **Record Data** Record the temperatures of the spoon and the water after 5 minutes, and again after 10 minutes.

Name _____ Date _____

Conclusion

- 1. Communicate** On graph paper, use your data to make two bar graphs. One should show how the temperature of the spoon changed. The other graph should show how the temperature of the water changed.

- 2. Analyze Data** Describe how the temperatures of the spoon and the water changed over time.

Experiment Half fill one bowl with hot water, one with warm water, and one with cold water. Predict what will happen to the temperature of the three water samples after 30 minutes. Test your predictions.

Guided Inquiry