

# 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 on your chart.
- 3. Measure** Fill a bowl halfway with warm water. Use a regular thermometer to measure the water temperature. Record the temperature on 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.

## Conclusion

Write the answers to the questions below.

1. **Communicate** On a separate sheet of paper, use your data to make two bar graphs. One graph 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.

---

---

## Investigate More!

**Design an Experiment** Predict what will happen to the temperature of the cold spoon and the warm water after 1 hour. Design and conduct an experiment to find out.

