

## TESTING TEMPERATURES

Set up three clear, waterproof containers (drinking glasses or clear Tupperware work well).

In the first container, pour in room temperature or tap temperature water.

In the second container, pour in water that has been chilling in the refrigerator.

In the third container, carefully pour in hot water.

Record the temperature of the water from each glass below.

Put a drop of food color in each and watch it spread in the water. Use a clock, watch, or timer to measure how long it takes the food color to reach the bottom of the container.

In which container does the water spread the fastest? In which does it spread the slowest? Repeat with more containers of water at different temperatures and see how they measure up!

**Container #1**

Temperature: \_\_\_\_\_

Time: \_\_\_\_\_

**Container #2**

Temperature: \_\_\_\_\_

Time: \_\_\_\_\_

**Container #3**

Temperature: \_\_\_\_\_

Time: \_\_\_\_\_