

**Directions:** Using the scientific method on the next page, determine which method will melt an ice cube the fastest.

### THE MICROWAVE



### HOT TAP WATER



1. State the problem or question.
2. Do your research. For example, how hot does your tap water get? Is your microwave set on high?
3. Based on what you now know, which do you think is fastest: the microwave or hot water from your sink?
4. Make a plan to test your hypothesis.
5. Put your plan into action and record your results.
6. What did you learn?
7. Based on what you learned, which melts an ice cube the fastest?