

Water and Ice

Procedure

- 1. Collaborate** Work with a partner. Record your observations in the chart below.

	Warm water	Cool water and ice
Prediction		
Observation		

- 2. Experiment** Fill a plastic bowl halfway with warm water. Fill a second plastic bowl halfway with cool water. Make a label for each bowl.
- 3. Use Variables** Place four or five ice cubes in the bowl with the cool water. Set both bowls of water in a warm place for 20 minutes.
- 4. Predict** Predict what you think will happen to the bowls of water after 20 minutes. Record your predictions in your chart.
- 5. Observe** After 20 minutes, carefully observe both bowls of water. In your chart, record any changes that occurred inside the bowls and on the outside of the bowls.

Conclusion

Write the answers to the questions below.

1. **Hypothesize** Write a hypothesis to explain what happened to the ice cubes in the cool bowl of water.

2. **Compare** Look at your chart. What was different about the outside of the bowls after 20 minutes?

Investigate More!

Be an Inventor During some summers, there is not enough rain to grow crops even though the air is damp. Based on what you learned in this experiment, invent a way to get water to crops during a dry summer.