

Change It

Procedure

- 1. Collaborate** Work with a partner. Place an ice cube in a plastic bowl. Observe the ice cube after 10 minutes. Record your observations on the lines below.

- 2. Compare** Use a metal spoon to crush a sugar cube wrapped in waxed paper. Unwrap the crushed cube and compare it to an uncrushed one. On the lines below, record how they are alike and different. **Safety:** Do not eat the sugar.

- 3. Observe** On the lines below, record how a sheet of aluminum foil looks. Then gently crumple the foil into a loose ball. Again record how the foil looks.

- 4. Compare** Now carefully pull apart the crumpled foil ball. Flatten and smooth it. On the lines below, record how the foil was changed in steps 3 and 4.

Conclusion

Write the answers to the questions below.

1. **Infer** What caused the ice cube to change in step 1?

2. **Compare**

How are the changes in the ice cube and the sugar cube alike? How are they different?

3. **Compare** How are the changes in the aluminum foil and the sugar cube alike? How are they different?

Investigate More!

Design an Experiment How would the melted ice change if you put it in a freezer? Design and carry out an experiment to find out. Then, compare your results to the original ice cube.

