Name _____

Investigate: How can you make a model of the water cycle?

❸–❹ Tape the bag to a sunny window. **Predict** what will happen over the next 3 days. **Observe** the bag. Record what happens.

Time	Predictions	Observations
After 2 hours	Answers will vary.	The ice cube melts and liquid water collects in the bottom of the cup.
Day 2	Answers will vary.	The water in the cup has mostly disappeared. Tiny water drops have formed on the inside surface of the bag.
Day 3	Answers will vary.	The water on the inside of the bag has run down the side. There is water in the bottom of the bag.

Explain Your Results

1. Make a drawing in the box below. Show how the water in the ice cube ended up in the bottom of the bag. Show the water cycle in your bag. Use arrows. Use these words as labels: *melting, evaporation,* and *condensation.*

The ice cube melted and turned into water. The drawing could look like the photo in the SE. An arrow, labeled *melting*, loops around from ice in the cup to liquid water in the cup. Another arrow, labeled *evaporation*, leads from the liquid water in cup to the center of bag (implying water vapor). A third arrow, labeled *condensation*, leads from the center of the bag to the water droplets on the inside of the bag and to a small pool of water at the bottom of the bag.