

# Condensation Station

**- Ask the question, “How does condensation form?”**

## **Materials:**

Pint glass jar  
Water  
Ice cubes

Observe the jar as it rests at room temperature, without any water. Write your observations in your journal. How does the jar feel? What does it look like?

Fill the jar with ice and water. How does the jar feel on the outside? After a few minutes what does the jar look like?

Leave the jar full of ice water for about a half hour. Write your observations about what the jar looks like and feels like.

Explain how you think water appeared on the outside of the jar.

# Precipitation Station

**- Ask the question, “How is rain made?” (teacher directed)**

## **Materials:**

Quart glass jar with a lid  
Ice cubes  
Boiling water

Predict: What do you think will happen when ice cubes are put on top of the jar of hot water?

The teacher will add about one inch of boiling water to the jar. Place the lid upside down on the mouth of the jar to create a lip. Place three to four ice cubes in the lid.

Draw two pictures in your journal – One picture of the jar of hot water as soon as the ice is placed on the lid. And the other picture after 5 minutes have passed.

Write your observations at:

- 1 minute
- 2 minutes
- 3 minutes
- 4 minutes
- 5 minutes

Why do you think water formed at the top of the lid?

How do your observations compare with your prediction?