



Cycling of Water: Student Activity Sheet

Name: _____

Date: _____

Part 1: Water Moves

1. Sketch and label your container.

2. Where do you think the water inside the container lid and under the ice cube came from? _____

3. How do you think it got there? _____

Part 2: Challenge

1. Predict what you think will happen. _____

2. Sketch and label your container.

3. What do you notice? _____

4. Compare your observations to the observations in Part 1. What evidence do you have that your design was able to move more water? _____

5. What about your design helped move more water? _____

Part 3: Model the Atmosphere

Look at the diagram below, and consider that this is a model of water in the atmosphere. Label the following:

1. The coldest air inside the container
2. The boundary between the coldest and warmest air inside the container
3. The places where there is the most and least water vapor in the air
4. Use arrows to indicate the direction of water vapor movement inside the container
5. Something that would be like clouds or rain.

Using arrows, draw how you think air is moving inside the container. Include the area where the air is falling and where the air is rising.

