

## **2nd Grade Science, Unit 4 “Uses and Properties of Water” – Water Cycle Lesson**

### **GLCEs**

**E.FE.E.1** Water – Water is a natural resource and is found under the ground, on the surface of the Earth, and in the sky. It exists in three states (liquid, solid, gas) and can go back and forth from one form to another.

**E.FE.02.14** Describe the properties of water as a solid (hard, visible, frozen, and icy) and recognize ice snow and hail as water in its solid state.

### **Vocabulary:**

Solid  
Liquid  
Gas  
Properties  
Describe  
Identify  
Hard  
Visible  
Frozen  
Icy  
Ice  
Snow  
Shape of container

### **Materials:**

Clear plastic cups – 1 per child and 2 for you  
2 gallon size zip lock bags  
Permanent marker

### **Procedure:**

Day One:

1. Have each child put name on their cup and scoop up snow to the rim.  
Discuss that snow is the form of water as a solid.
2. The teacher does the same with two cups of snow.
3. Bring all of the cups inside and place in a tray on the science table to watch the properties of water change.
4. Discuss predictions and write them in the Observation Log Booklet.

Day Two:

1. The snow has melted and changed to a liquid. The student will draw a line at the water level on their cup. Discuss the reasons the water has changed properties.
2. The teacher will draw a line on the two cups. Then place each cup in