**Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Exploration Lab - Measuring is “Chill” Food Lab**

**Needed Materials:**

Frozen concentrated OJ Powdered Sugar

Measuring spoons Clear Pitcher

Quart measuring cup Gallon Pitcher

Pint measuring cup ¼ cup dry ingredients measuring cup

1 cup Liquid Measuring Cup 1 cup Liquid Measuring Cup

**Directions: As you follow these directions be sure that you rotate each step so that each person gets a chance to do something and not just 1 person.**

1. Fill the clear pitcher, up to 1 ½ inches below the top with water.

2. Measure the water from the pitcher according to the amounts listed below.

1-Using a teaspoon, see how many it would take to measure 1 Tablespoon **= \_\_\_\_\_\_**

2-Using a tablespoon see how many it would take to measure ¼ Cup **= \_\_\_\_\_\_**

3-Using a tablespoon, see how many it would take to measure 1 cup **= \_\_\_\_\_\_**

4-Using a liquid measuring cup, see how many cups would equal 1 pint **= \_\_\_\_\_\_**

5-Using the pint, see how many pints would equal 1 quart **= \_\_\_\_\_\_**

6-Using the quart, see how many quarts would equal 1 gallon **= \_\_\_\_\_\_**

7-Using 1 cup see how many cups would equal 1 gallon **= \_\_\_\_\_\_**

8-Using 1 cup see how many cup(s) equal 8 fluid ounces **= \_\_\_\_\_\_**

9-Using 1 cup, see how many it would take to make a quart **= \_\_\_\_\_\_**

10-Using a Tablespoon see how many it would take to fill 1/8 of a cup **= \_\_\_\_\_\_**

11- Using a Tablespoon see how many it would take to fill a cup **= \_\_\_\_\_\_**

3. Inform me that your table is done to receive your juice.

4. Make an orange Julius by following the directions:

A. Fill the blender with 1 quart of ice

B. Pour ½ cup frozen concentrated orange juice into the blender.

C. Pour 1 cup milk into the blender

D. Add ¼ cup powdered sugar into the blender.

Place cover on blender, and blend on **LOW,** pulsing it until all of the ice is crushed, and then turn it on to high for 5 more seconds. Enjoy!!