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

**Needed Materials:**

1 Package of Kool Aid Sugar

Water Clear Pitcher

Quart Jar Pint Jar

Pint Jar Gallon Pitcher

1 cup Liquid Measuring Cup 2 cup Liquid Measuring Cup

Ruler

**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 (remember we live in Utah-conserve water):

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 a pint jar, see how many pints would equal 1 quart **= \_\_\_\_\_\_**

6-Using a quart jar, 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 **= \_\_\_\_\_\_**

 3. Inform me that your table is done to receive your kool aid.

 4. Make “Kool Aid” by following the directions and using the water

 you used to do the previous measuring. If you

 Would like to make a slushie out of it, fill the blender 3/4 of

 The way with ice (40 ounces), pour enough of the kool aid drink

To cover the ice, blend on **LOW** pulsing it until all of the ice is

 crushed, and then turn it on to high for 5 more seconds. Enjoy!!