Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_\_

**Bubble Technology Lab #1**

As a scientist one way we can come to conclusions is by **classifying** information.

**QUESTION**

What is the essential requirement in order to make a bubble out of soap?

**OBSERVATIONS**

Using the following materials found in your tub, classify which objects as either being able to “Make a Bubble” or “Unable to make Bubble”:

paper clip yarn string wire paper towel cup scissors fork protractor short pvc pipe beaker long pvc pipe jar lid Tongs Cork

Made Bubble No Bubble

1. Were you able to create a bubble with the fork? Why or Why not?

2. How were you able to create a bubble with the wire?

3. Were you able to make a bubble with just a paper towel and if so how did you do so?

4. Which objects were you able to detach the bubble the easiest?

**DRAWING CONCLUSIONS:**

5. Some of the items worked some may have not, however, what can you deduce is essential in order to create a bubble?

**6. HOMEWORK:** Create an imaginative drawing of a special bubble maker. For example, a bubble maker that creates foam; doesn’t need to be dipped in a solution; makes large detachable bubbles; or other creative ideas you can think of. **Draw on Back.**