

Name: \_\_\_\_\_

Class Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Which Gum Makes the Biggest Bubble? Lab



**Problem Statement:** Which brand of gum makes the biggest bubble?

**Hypothesis Statement:**

If you take each brand of gum, and chew it, then the \_\_\_\_\_ brand will make the biggest bubble.

**Materials needed for each group:**

- Four pieces of different brands of gum one for each person in the group.
- Ruler

**Procedure:**

1. Take four pieces of different kinds of gum.
2. Each student chews the same brand of gum for five minutes. During the last two minutes, practice making bubbles.
3. Students will blow a bubble and measure, and then record the results in the data table. Pair up to measure the diameter of your bubble. Use the beaker tongs and a ruler.
4. Repeat the process in step two with a different brand of gum.
5. Continue steps 1 - 4 until all samples are tested.

**Data Collection:**

Gum Brand	Trial 1 Cm	Trial 2 Cm	Trial 3 Cm	Trial 4 Cm	Average Cm