

Name _____

Partner _____

Bubble Fun!

Questions: How big can you blow a bubble?
What else can you do with bubbles?

Materials:

Bubble Mixture

- 6 cups of water
- 1 cup of dish soap
- 1 tablespoon of glycerin or 1/4 cup of corn syrup

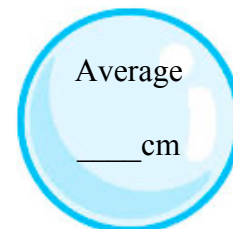
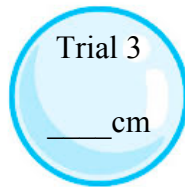
Stir together slowly. Let sit overnight, if possible.

Per student

- cup with 1/4 cup bubble solution
- straw
- paper towel
- cottonball
- metric ruler
- calculator

Procedures:

1. Prepare the table surface by wetting a cottonball with the bubble solution and making a thin circle on the table.
2. Dip a straw into the bubble solution and blow a bubble onto the wet surface.
3. Practice blowing bubbles until you can blow a large bubble without it popping.
4. Blow a bubble until it pops. The popped bubble will leave a ring on the table.
5. Measure the diameter of the bubble in cm. Record your data. (Your partner should check your measurement.)
6. Take turns with your partner and repeat 3 times each.
7. Average the 3 trials using a calculator. (Add all 3, then divide by 3.)



What else can you do with bubbles? Can you...

___ Blow a bubble within a bubble?

___ Stick your finger in the bubble without it popping?

___ Blow multiple bubbles on the table? How many at one time? _____