

# Bubble Gum Experiment

*In this experiment you will be trying to find out how the amount of sugar in the gum affects how long the bubble lasts.*

## Procedure:

1. Gather the following materials:
    - Two pieces of gum (1 regular and 1 sugar free)
    - Ruler
    - Assistant
  2. Unwrap one piece of gum, place it into your mouth and chew it until you can make a bubble with it.
  3. Blow a bubble with the gum. Have your assistant time the bubble from
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4. Record the results in your individual data table.
  5. Repeat steps 3 & 4 until you have blown five bubbles.
  6. Repeat steps 2-5, adding one more piece of gum, until you have used 3 pieces of gum.

## Data Table

	How Long the Bubble Lasts (sec)					
Amount of Sugar	First Bubble	Second Bubble	Third Bubble	Fourth Bubble	Fifth Bubble	Average
Sugar Free						
Regular						

**TRANSFER YOUR INDIVIDUAL RESULTS TO THE CLASS DATA TABLE**