



BUBBLE GUSH LAB  
EXPERIMENTING USING THE SCIENTIFIC METHOD

**Objectives:**

- Apply the scientific method to create a hypothesis, design an experiment, and collect and analyze data.
- Identify the independent and dependent variables in an experiment.
- Identify the control and experimental groups in an experiment.
- Identify the constants in an experiment.

**Procedure:**

1. Form a hypothesis for why bubbles form.
2. Design an experiment to test your hypothesis. What are the independent and dependent variables? What are the constants? What is the control group? What is the experimental group?
3. Perform the experiment and collect data.
4. Analyze the data and draw a conclusion.
5. Write a report of your findings.

**Your Possible Data Table:**

Independent Variable	Dependent Variable

Worksheet with text and a yellow pencil.

