

**Experiment: Density of an Apple**

**Purpose:** To determine what happens to the density of an apple when you take bites out of it.

**Instructions:** This lab may be performed at home. It is worth up to 15 CLC points and must be completed and turned in on or before day of the Unit 1 test. You may do this experiment at home or in the ChemLab Flex period or after school.

**Instructions:** Make a hypothesis, list all materials used, write a procedure, and run an experiment to determine what happens to the density of an apple when you take bites out of it. Be sure to include all data (labeled clearly) and show all calculations used to support your conclusions. You should think about how using multiple trials (but only one apple) can help your answer more valid. Also, include a conclusion stating whether or not your hypothesis was supported by your results.

**Hypothesis:** (Read “Writing a Hypothesis” in Section 2 of your *Lab Notebook Style Guide*)

**Materials:**

**Procedure:** Read the *Tips for a Good Experimental Design* reference and the *Tips for Writing a Procedure* file in the *Lab Report Guidelines* section in the *Lab Notebook Style Guide* packet for help with setting up a good experiment and writing a proper procedure.

**DATA Table:** Carefully **Read** the *Setting Up Data Tables* section of your *Lab Notebook Style Guide* packet, then set up a data table below for your experiment.

**Calculations:**

**Conclusion:**