**Introduction**

Proteins have a whole lot of purposes in the body...

**Hypothesis**

If we …, then…, because...

**Materials**

**Procedures**

**Safety**:

Wear goggles!

Tie Back Hair

Do not dance excessively

1. In your test tube you will place 5ml of milk.
2. Next, you will be placing 2-3ml of the solutions below.
3. Now use the glucose meter to measure the glucose content. Record this in your notebook.
   1. Milk and Enzyme solution
   2. Milk and Acidic Enzyme solution (pH4)
   3. Milk and Basic Enzyme solution (pH9)
   4. Milk and Boiled Enzyme solution (100C)
   5. Milk and Chilled Enzyme solution (3C)
4. Now, you will repeat this process until you have tested under all conditions.

Once your testing is complete, open a Google Sheets document to chart the data from your classmates. Once all data is collected, we’ll average these numbers, and then create a bar graph to represent the data.

**Data and Analysis**

Raw data (table)

Means

Standard Deviation

Graph the Means

**Conclusion**