**Title**

**Problem:** Write the inquiry (or problem) in the form of a question here

**Hypothesis:** Educated guess about what will happen

**Materials:**

* List your materials, including quantitative values
* Include all lab apparatus
* Include all tools

**Procedure:**

1. List the step by step process as you complete your lab
2. If steps must be repeated, simply write “Repeat steps # – #”
3. You do not have to explain how you set up materials
4. Just the experimental process

**Data Analysis:** A.K.A. Observations; include variables, qualitative and quantitative data *Controlled variable*: The thing that never changes in an experiment. You control it. *Independent variable*: Changes that occur in an experiment that is caused by the scientist *Dependent variable*: Changes that occur due to the independent variable

*Qualitative Data:* Notes on what you observed during experimentation *Quantitative Data:* Measurable data. Charts and graphs work GREAT.

**Conclusions:** Determine whether or not your results support your hypothesis. Explain why and relate your results to the real world.