**Questions:**

Record any new questions you think of that you could design  
an experiment to test!

My Inquiry Journal

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
name

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Science Experiment Title

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Guiding Question

**Predictions:**

Write your prediction about what you think will happen in the experiment

**Hypothesis:**

Write your hypothesis – Why do you think your prediction will happen?

**Scientific Explanation:**

Explain the results from your experiment! Use complete sentences, and follow the Claim-Evidence-Reasoning format we have used in class.

**Data Display: Graphs or Diagrams:**

On this page, make a graph or some other display of your data to help in your analysis**Experiment Design:**

Describe your procedures – and include the following information.

***Independent Variable -***

***Dependent Variable –***

***Control Variables –***

***Number of Trials –***

***Data you will collect –***

***Draw or show a picture*** of your lab set-up!

**Data Collected:**

Use this page for data tables or recording observations.

**Analysis Notes:**

On this page, list some patterns you see in the data. If you do any calculations of averages or other statistics, show that work here.