**Unit 3**

**Atomic Structure**

**Question: What is the relationship, if any, between metals, metalloids, and non-metals?**

Materials:

Battery

Battery holder (optional)

Light bulb

Wire leads (at least 3)

Metals (5)

Non- Metals (5)

Hypothesis: Write your hypothesis in an “If…Then…” statement

Name your independent variable(s):

Name your dependent variable(s):

Perform an experiment that will allow you test the question.

List the steps of your procedure:

Generate one data table (make sure to include units):

Generate one graph (make sure to include units and an accurate scale)

Analyze your data:

Discussion: Did your data support your hypothesis? Why or why not?

Reflection: How did your data compare to other groups? How was it different?