

**PRE-LAB**

**TITLE:**

**Experimental Question:**

**Hypothesis**

(What you think will happen. The experiment is designed to test THIS!)

WHY do you think this will happen?

**Independent Variable**

(the *thing* that is changed)

**Dependent Variable**

(what you are "measuring")

**Time**

(how long the experiment will last: 30 minutes, 2 days, etc)

**Sample Size**

(how many you will be testing, how many times will you test)

**Controlled Variables**

(the things that do not change)

**Materials Required**

## **Experimental Design**

(write out the steps/instructions to run the experiment...should read similar to a recipe)

## **RESULTS**

(tables and graphs)

## **CONCLUSION**

(accept/reject hypothesis, explain results, apply to real world)