

## Controlled Experiment Worksheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Directions:** Use this worksheet to help you organize your experiment. Write a final report that includes this information. ***Do not turn this worksheet in as the final report.***

**Question I am trying to answer:**

How does \_\_\_\_\_ affect \_\_\_\_\_ ?

**Hypothesis (What I think will happen):**

**Variables:**

Anything I can change that may affect the outcome of my experiment:

**Independent Variable**

What I will test:

**Dependent Variable**

What I will measure (Results):

**Materials I will Use:**

**Standard:**

Basic procedure I will use for all experiments:

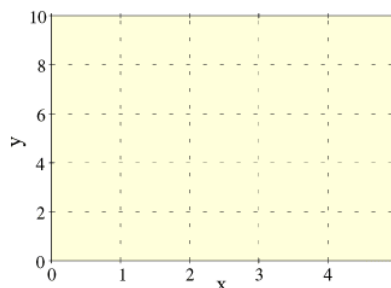
**Data:** Results I Observe (Format data in a table and graph if possible)

<b>Experimental Variable:</b>	<b>Results:</b>			
	Trial 1	Trial 2	Trial 3	Average:

**Graph X (Independent) and Y (Dependent) Variables**

Remember:

- Use Graph Paper
- Include Zero Point
- Use Consistent Interval Spacing
- Label Axes
- Label Lines/Not Spaces
- Draw the Best Fit Line



**Conclusions:** Interpret results. Why I think it happened: