Student Name

Course

Due Date

Ms. Rust

General Guidelines:

* Entire paper should be double-spaced.
* If printed, the paper should be clean. The printer should produce letters that are dark enough and clear enough to be easily read.
* Normal Margins
* Use Times Roman using font size of 12.
* All answers should be in complete sentences.
* Unless otherwise noted, answers should be in paragraph form.
* Graphs/Tables should not be split between two pages.

DELETE THIS BOX BEFORE SUBMITTING!

**Beginning Questions:**

*What was the purpose of the experiment? Should be in the form of “How does \_\_\_\_\_\_ depend on \_\_\_\_\_\_?” Are you able to make a prediction to answer your beginning question? If so, write your prediction.*

<Text Here>

**Safety Considerations**

*List what general safety concerns should be considered when working with equipment or procedures in the laboratory. List specific concerns about specific chemicals or procedures.*

<Text Here>

**Procedures & Tests:**

*BEFORE THE EXPERIMENT - Propose your plan for how the beginning question can be answered by doing the experiment****. (This may be different from what you actually do during the experiment, but it is a start.)*** *AFTER THE EXPERIMENT - Make an outline precisely what you did. It should be written so that anyone could repeat the experiment exactly as it is written.*

<Text Here>

**Data, Observations, Calculations, Graphs:**

*List all data, observations, and notes that you and your classmates complied during the experiment.*

*It includes descriptive observations, data tables, equations, calculations, and graphs. Have I prepared a properly labeled and titled table(s)? Have I prepared a properly labeled and titled graph(s)?*

<Text Here>

**Claim:**

*Make a statement about the results of your experiment to answer your beginning question. Do not just repeat your observations.*

<Text Here>

**Evidence & Analysis:**

*Write an explanation to support your claim.* ***Connect*** *specific pieces of your own data, the class data, or both to explain your claim. Interpret or explain the information provided by specific data tables, equations, calculations, or graphs. Explain any an errors that may have affected your results.*

<Text Here>

**Reading and Reflection:**

*Discuss your initial question: How have your ideas changed? What new questions do you have? What new things do you have to think about? How do your results compare to those of your classmates? If you make a prediction prior to performing the experiment, was it correct? If not, do you understand why not?*

*Provide two examples of how this experimental work relates to concepts learning in class.*

*Provide two examples of how this experimental work relates to the real world (application).*

<Text Here>

**Post Laboratory:**

*Answer any post lab questions.*

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**Reference**

*Use MLA format.* [*http://owl.english.purdue.edu/owl/resource/747/01/*](http://owl.english.purdue.edu/owl/resource/747/01/)

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