

Promising Student  
Date  
Chemistry Section 1  
Dr. Martin

**Title of Lab on your Handout**

**Background:** 1 paragraph explaining the purpose of the lab and any history that is relevant. Make sure you use at least 2 sources and cite the references. Everything should be in MLA format.

**Question and Hypothesis:**

**Questions:** Usually can be found on your handout. This is the reason we are doing the experiment

**Hypothesis:** A statement about what will happen with what we are testing. It will help if you can identify the independent variable and controls as well as what you are measuring with the dependent variable.

**Materials and Procedure:** Directly from your lab handout

**Materials:**

**Procedure:**

- 1.
- 2.
- 3.
- 4.
- 5.

**Data:** Make a table so that you can use to write in the results during the lab. Write down EVERYTHING that you see or do- you will not remember what happened if you don't write it down. Be as specific as possible. Remember that not all data are numbers. Some data are observations.


**Other Observations:**

**Discussion:** Tell me what happened in the lab. Recap the data. Tell me what it means and logically analyze trends and patterns. Include graphs of the data.

**Conclusion:** What conclusions can you draw from this experiment? What does it mean? Was your hypothesis correct? Why? What are future applications for this technique or findings? What future experiments could result from this lab?

**Works Cited:**

MLA Format - you can use Owl Purdue

<https://owl.english.purdue.edu/owl/resource/747/01/>