**Science Lab Report Template:**

Use this template to report the data from your experiment. Max grade points for each section are noted. Reports that are not word-processed must be written neatly in either blue or black ink. Your penmanship could be the cause of lost points, and a lower grade.

Outline for all Formal Lab Reports:

**Title**:

**Question/Problem**:

**Hypothesis:**

**Material List:**

**Procedures:**

**Data Table:**

**Analysis:**

**Conclusion/Summary:**

**Notes for Each Heading**

***Title:*** Make your title unique and catchy!

***Question/Problem:*** The question/problem might be assigned to you, or you might have to come up with one of your own, research and observe at this point, and add your findings after the question. Why did you chose this problem if it was left up to you?

***Material List:*** Every single thing should be listed here that will be used in exact quantities. If you find you need more or less as you carry out the experiment, make a note of this.

***Procedures:*** Use starting words such as *obtain* instead of *get.* Do not start each one with First, I went and got…etc. Remember another person may have to duplicate your lab, so it must be written in a clear, concise matter that will not cause error in their lab. Reproducibility is important for your experiment findings to be valid.

***Data Table:*** Include whatever data table you use. Graphs of results do not go here; they go into analysis if you do them. Make the data table clear and concise.

***Analysis:*** Look over your data, make and include graphs here, determine if your experiment supports or refutes your hypothesis. DO NOT be afraid of being proven wrong. The experiment is just as valid as one in which you are proven correct.

***Conclusion/Summary:*** This section must contain each of the items listed below. You are now the one speaking, of your personal results.

* What you did, how you did it, why you chose to do it in that way, what you learned, possible error/flaws of the lab (you must include at least one), how you would change it in the future to enhance, improve or due to changing hypothesis.
* You can begin in this way:

In this lab I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_because\_\_\_\_\_\_\_\_\_\_\_ . I did this by

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. I found out/learned that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Some errors that may have occurred with this lab include \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. In

the future I would (change, add, delete)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to enhance the lab.

I loved this lab and think I have the best science teacher ever!