

LAB REPORT FORMAT

All lab must be completed using **black ink** writing only on the front of the paper or they may be typed in a 12pt, Times New Roman font. The lab should be organized in the following format including the section name:

Before performing the lab, sections including the Title to Pre Lab questions are to be completed. This is considered to be the pre-lab.

Title: The actual title of the experiment is to be used and is to be written on the top line of the page.

Purpose: Copy the objective(s) of the lab. If an objective is not clearly stated, read the lab and write a complete sentence stating what is to be learned from performing the lab.

Hypothesis: An “If, then, because” statement that details what you feel will happen in the lab. This prediction

Materials: List of tools or apparatus required in a column format.

Procedure: Write a numbered step by step summary of the procedure. NO PARAGRAPHS. Include a picture of your apparatus or set up. This can be an actual photo or hand drawn.

Pre-lab Questions: Answer all the pre-lab questions using complete sentences. Also, show any calculation used to derive answers. Omit if there are no questions

Data: You will be required to construct a data table which can be easily read and understood. A column for observations should also be provided.

Calculation: When calculations are required, all work should be shown. This includes the proper labeling of all numbers and the use of significant figures.

Graphs: If required, the graph(s) must be done on graph paper or computer following correct graphing rules.

Conclusion: **First restate the purpose of the lab.** Then discuss the results of your hypothesis obtained in the lab. When comparing and contrasting your results with the results you should have obtained, use the numbers and give the percent error. It should state clearly whether or not the data supports the purpose of the lab and why or why not. Errors occurring during lab should be stated at this time with how they would have affected the results and how you would correct these errors. Very few have ever done a perfect lab...errors are inevitable.

** Lab reports should be written in the past tense and third person. Errors should be marked out with a single line. No white-out is allowed.