

Pre-AP Chemistry

Lab Report Write Up Requirements

The first item that should be found in the laboratory manual are the data collecting pages. These pages are where you write notes, preliminary pre-lab questions, data collected during the performance of the lab. These are **ALWAYS** separate from the formal lab report. You will use these pages to write your formal lab report. Your lab report should be able to stand alone from the data collecting pages. In other words, you will rewrite your data from the data collecting pages into your formal lab report.

Title

- Must be associated with the lab
- Random titles are not appropriate

Purpose

- Brief summation of the experiment.
- Explain in a concise manner, the purpose of the experiment.

Pre-Lab Questions

- Questions should be answered in a way that the question itself does not have to be written. For example, if the question is "Define chemistry." Your answer should be written as "The definition of chemistry is ...". If the question is "Calculate the number of moles of copper (II) chloride and of aluminum that reacted." Your answer should be written as "The number of moles of copper (II) chloride reacted are as follows: (then show calculations)."

Experimental Data/Data Collected

- All data written down during the performance of the lab will be rewritten and organized.
- Data tables/ graphs/ charts/ etc. are an excellent way of organizing data.
- Label everything.

Results/Post-Lab Calculations/Questions/Conclusions

- All post-lab questions and calculations will be shown in this section. All work for every calculation should be shown neatly and organized.
- Questions should be answered in the same manner as the Pre-Lab questions.