

Ruben S. Ayala High School Science Department
FORMAT FOR CHEMISTRY LAB REPORTS

*** PLEASE NOTE: ALL LAB REPORTS SHOULD BE TYPED EXCEPT GRAPHS, WHICH MUST BE PRESENTED ON GRAPH PAPER. PLEASE SEE SAMPLE LAB REPORT FOR AN EXAMPLE.

TITLE PAGE: Include the title of the lab, your name, period and the date.

Data (observations and table of measurements): (15 - 30 %)

This is a record of the information gained by the experiment to help arrive at a conclusion to the problem. Data includes observations of all kinds relevant to the experiment. Do not include answers to any calculations in your data; that goes into your Table of Results. Whenever possible, data should be in tabular form.

Calculations: (20 - 30 %)

Show only sample calculations of each type of problem. Each sample calculation will be setup as follows; formula, substitute, and solve (Other problems can be worked out on scratch paper and answers included with the Table of Results). Show any graphs (GRAPH PAPER) in this section.

Table of Results: (5-10%)

This should show the results of your calculations. Keep this separate from the data. The table of results is an analysis of the data gained from the experiment.

Discussion: (15 %)

Error Analysis. Please explain 3 sources of error that may have occur and had an effect of your observations, data or calculations and include suggested improvements for each error. See sample lab write up for an example.

Conclusion: (5 %)

Should be a brief statement answering the problem (or purpose).

Questions: (0 - 10 %)

When questions after the experiment are assigned, they should be clearly labeled and placed after conclusion. State the questions and the answers.

PLEASE follow this format for **each report**, unless you are instructed to deviate by you instructor. An entry must be made for each section.