

Lab Report Format
(Times New Roman, 12pt font)

Name
Partner Names

Date Performed
Date Due

All lab reports must use objective language. (No “I”)

Title (1 pt)

Purpose (2 pts): List objectives from the handout. The purpose should be written in your own words.

Observations/Data/Graphs (3 pts): In complete sentences, record your observations in this section. It may be best to group them in a table. For example:

| Procedure Step | Observation |
|-----------------------|---|
| 1 | The candle is solid in phase, has smooth texture and is white in color. |

This is also where you will record any data, tables, graphs, depending on what you the lab required. Data should be neatly organized in a table and clearly labeled with titles and units. Graphs when applicable should be grouped with the data section of your report. All graphs must include a title and proper axis headings with units. Graphs must be created using either excel or google sheets.

Calculations (4 pts): When applicable, include all calculations performed during the experiment and percent error calculations. Calculations **MUST** include a title indicating what the calculation is solving for, a formula with numerical setup and **UNITS** and the final solution, rounded to the correct number of significant figures and **MUST** have a proper unit.

It should be noted that when calculations are not present in a lab the points will be distributed among the other sections of the report (questions, observations/data/graphs)

Analysis Questions (5 pts): Answer all questions in complete sentences.

Conclusion (5 pts): 3-5 sentences tying together the purpose, the data and the analysis of that data (percent error) and potential sources of error (**NOT HUMAN ERROR**), and how it all fits together. When drawing conclusions, refer back to data and observations as support of your results.