

Lab Report Format

- | <u>Category</u> | <u>Description</u> |
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| 1. <u>Title Page:</u> | The title page should include the following items: a title, student's name, lab partners' names, and the date the lab was performed. The title should describe or pertain to the specific lab being performed. |
| 2. <u>Objective</u> | The objective(s) are what it is you are supposed to accomplish in the lab itself. The objective(s), therefore, is usually presented in terms of a specific verb that describes what you are supposed to be doing in the lab, such as to measure, to analyze, to determine, to test etc. It is a concise statement. |
| 3. <u>Introduction</u> | The introduction should contain any prior knowledge on which the experiment is based; including an explanation of principles, definitions, experimental techniques, expected results (hypothesis), theories and laws. |
| 4. <u>Materials:</u> | List the lab equipment AND chemicals that you used. Drawings of the apparatus setup should be included in this section if needed. |
| 5. <u>Pre-Lab Q's</u> | Answer any pre-lab questions here. Restate the question in your response, and label them as a numbered list. |
| 6. <u>Procedure:</u> | Explain, step-by-step, how you performed the lab. You do not copy the lab instructions exactly, but rather, you use your own words. It should be written so that someone else can perform the exact same experiment. This should be written in the impersonal (3 rd person) past tense (passive past tense):
Ex: We are taking the temperature every 2 minutes. X
The temperature was taken every 2 minutes. ✓

This should be in paragraph form, NOT numbered. |
| 7. <u>Data/Results:</u> | This is all of the results obtained from the lab. Include all tables, graphs, diagrams, and observations. You <i>may</i> include a diagram of the apparatus used. |
| 8. <u>Post-Lab Q's</u> | In this section, answer any questions on the lab handout. Number each question and rewrite the question before your answer. |
| 9. <u>Discussion/Conclusion:</u> | This statement refers back to your hypothesis and purpose. State what you learned from the lab and if your hypothesis was correct. Was the objective met? Back your conclusion using data information (describe what the data means). List possible sources of error. Say how you could improve the lab or perform it better if you were to do it again. |

Other Considerations

- Please type your lab report in Google Docs. 12 size font.
- Label all parts of the lab report.
- Clearly label all lab questions that need to be answered.
- Set up your data section in a logical manner.