How To Write a Lab Report
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Why Write Lab Reports?

• Important part of every experiment
• Good way to organize information
• Prepare for High School Science classes!

Summary

• All your lab reports must have your name and the Title of the Lab.
• There are 6 sections in a Lab Report.
• Each section must have a title!
• Lab Reports must be neat!

1. Purpose

• In 1 to 2 sentences you will write why you are doing the experiment.
• Write down exactly what problem you’re investigating.

2. Hypothesis

• In 1 sentence predict how you think the experiment will end.
• Must be in a form of an “If...then” sentence.
• Example...

3. Materials

• List all the equipment, and chemicals you used to do the experiment.
• Always include quantities (amounts).
4. Procedure

• Write down exactly what you did in the order you did it in \textit{paragraph} form.
• Write in the \textit{past tense}!
• Be specific (don’t skip things like when you got your materials).

5. Observations and Data

• Includes quantitative & qualitative observations.
• May include tables, graphs, & drawings – all labeled!
• May include calculations made during the experiment
• There should be no discussion in this section.

6. Conclusion

• You must answer all conclusion questions in paragraph form.
• Restate your hypothesis & tell me if you were right or wrong & \textit{why}.
• Talk about any mistakes & how you can explain them.

\textbf{Lab Report Criteria}

• 6 Sections consisting of:
  - Purpose
  - Hypothesis
  - Materials
  - Procedure
  - Observations and Data
  - Conclusion
• It must be neat, have a title and your full name!