
How To Write a Lab Report

The Parts

- ☐ Cover Sheet
 - ☐ Objective
 - ☐ Introduction (Purpose/ Hypothesis)
 - ☐ Materials
 - ☐ Methods
 - ☐ Results (data tables, graphs)
 - ☐ Discussion/Analysis
 - ☐ Conclusion
 - ☐ References
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Cover Sheet

- ☐ This is the first page of your lab.
 - ☐ It should contain
 - lab title and experiment name
 - your name, and lab partner's name
 - your class section
 - Teacher name & TA name
 - the date of the experiment & submission date
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Objective:

- Usually given to you..
 - What are you doing in this lab... why are you doing it?

Introduction

- ☐ Intro: brief background about your experiment.
- ☐ Cite your references (by numbering)
- ☐ It should not exceed a page

Materials

- Usually given to you on lab manual
 - What you needed for the lab
 - In list formation

Methods (procedure)

- ☐ Step by step, as paragraph (passive voice)
- ☐ Exactly what you did
- ☐ No analysis or results, just what you did
- ☐ Someone else should be able to copy experiment with same results

Results

- ❑ Tables, charts (title them, refer to them and describe them)

Discussion

- ❑ **Analyze** your results – what do they mean?
- ❑ **Reflect** back to hypothesis
 - Supported or rejected? How?
- ❑ Any mistakes? (error)
- ❑ How could the experiment have been improved?

Conclusion

- Summarize the result of the experiment

References

☐ APA format