

Your name
Teacher
Date
Class

Lab Report Format

Note: Title is centered at top of page.

QUESTION

State the purpose of doing the lab as a question. What are you trying to find out?

HYPOTHESIS

State your educated predicted results and explain why you believe they are true. Do this before starting the lab. Use an 'If, Then, Because' phrase for your hypothesis.

MATERIALS

List all the materials you used in the lab. Use a 'bullet' format.

PROCEDURE

List all the steps you took while doing the lab chronologically and in detail. Someone else should be able to carry out the steps of your controlled lab exactly by following your procedure.

RESULTS

A table and/or graph of the quantitative results of your lab, including all necessary units of measurement. Qualitative observation and labeled diagrams should be included here also.

ANALYSIS

This should be in form of three expository paragraphs. In the first explain the main concepts being used in the lab and how they were at work in the experiment. In the second paragraph explain the patterns observed in the lab and/or the interaction between the independent (manipulated) and the dependent (measured) variables while referring directly to your data. In the third explain the sources of error in design and in procedure and how each error affected the experiment.

CONCLUSION

This should consist of a short paragraph that answers your purpose question according to your data. Also, compare your hypothesis with the actual lab results and describe the lab as conclusive or inconclusive.