Lab Report Template

After you complete your lab you should write it up in proper Scientific Format.

Title: should be brief and descriptive.

Purpose: a statement of the problem or the question you are trying to answer. In other words- why did you do the experiment?

Hypothesis: a possible explanation/answer to the problem/question.
  - Write a possible solution to the problem.
  - Focus on one variable.
  - Make sure it is a complete sentence.
  - Make sure it is testable.

Materials/Supplies: a list of all the materials you used in the lab.

Procedure: a summary of the steps you followed during the experiment.
  - Write complete sentences to explain what you did during the experiment.
  - It should include step-by-step details so that anyone else could repeat the experiment (like a recipe).
  - Make sure to include your independent variable, your dependent variable and your control variables.

Data/Analysis & Observations: a chart, table or graph of the data you collected during the experiment.
  - Include any observations or notes you made.
  - All tables, graphs and charts should be properly labeled.
  - Data can be presented on a separate sheet.

Conclusion: state whether you accepted or rejected your hypothesis.
  - Explain why you accepted/rejected your hypothesis.
  - List any possible errors that might have occurred.
  - Explain what you might do differently next time.
  - Include anything you learned during the experiment.