Lab Report Template

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

**Title:** should be brief and descriptive.

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

**Hypothesis:** Give 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:** Provide a list of all the materials you used in the lab.

**Procedure:** Write 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.

**References:** Cite all resources used (textbooks, websites etc.) when researching and conducting your experiment.