**Heading *(at top of page)***

Title:

Date:

Name:

Partner Name(s):

Pre-Lab Questions: *If applicable*

**Introduction**

Background: I*nformation about what you're studying in the lab experiment. Your lab manual (or handout, or the notes you took in the pre-lab lecture) is a good source of "background". Don't just copy this, because that doesn't show that you learned anything. Explain it in your own words. A good explanation in simple terms is much better than one that sounds "science-y" but shows that you don't really understand what you're talking about.*

Purpose/Objective: *What question are you trying to answer or problem are you trying to solve?*

Hypothesis: *Predict what you expect to happen in this experiment. Use an if-then statement when possible.*

**\*Methods and Materials**

Materials: *List all the materials used in the experiment*

Procedure: *Write a step-by-step procedure describing what you actually did in the lab. It should be written in such a way that others could repeat your experiment.*

\*May be done in diagrams instead of written lists/steps.

**Results**

Results/Data: *Include observations and measurements in organized data tables. Label all measurements with units.*

Graphs/Illustrations: *Include any other presentations of data that help you to recognize trends or patterns in your data.*

Questions and Calculations: *Answer questions in complete sentences. Work should be shown for all calculations. Units should be shown on all numerical work.*

**Discussion and Conclusion**

Conclusion: *Written in paragraph form. This is a summary of what happened in the experiment and whether your hypothesis was accepted or rejected based on your data. Include sources of error that might have affected the data collected. Suggest ways to improve the experiment.*