

Lab Write Up Template

TITLE

Safety:

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Question/ Purpose: (What are you trying to find out by doing this experiment?)

Pre-Lab Theory: (Questions to answer before doing the lab. Covers the scientific concepts that the lab will be about.)

Hypothesis: (The hypothesis is an educated guess as to what will happen during your experiment. The hypothesis should be written using the words "IF" and "THEN". The "if" and "then" statements reflect your independent and dependent variables.)

Materials: (A bulleted list of any equipment, apparatus or other substances used in the experiment.)

Procedure: (Steps taken to carry-out the lab experiment – what did you do?)

Data Table: (Needs a title, use a ruler, use ink in your good copy, use column headings, units of measurement, fit all data on one page, must have at least 3 horizontal lines.)

Calculations: (If applicable - on separate page.)

Graphs: (If applicable - on separate page.)

Questions: (Written out in full sentences or write out question and answer in short form.)

Conclusion (6-point paragraph):

1. Recap (restate) the hypothesis of the lab in the first sentence.
2. Present main outcome(s) and result(s) of the lab in one or two sentences.
3. Explain what your graph represents, if applicable.
4. Present a possible explanation for the results.
5. Identify any sources of error in one or two sentences.
6. State whether the hypothesis is “supported” or “not supported” by the results.