**Writing a Lab Report**

**Title:**

\* Write a brief, concise, yet descriptive title.

**Statement of the Problem and Background Information:**

\* What question(s) are you trying to answer? What is the purpose?

\* Include any initial observations

\*Give background information about the subject

**Hypothesis**:

\* Write a possible solution for the problem.

\* Make sure this possible solution is a complete sentence.

\* Make sure the statement is testable, an if-then statement is recommended to illustrate what data will support your hypothesis (and what data would not support the hypothesis).

**Materials**:

\* Make a list of ALL items used in the lab. Alternatively, materials can be included as part of the procedure.

**Procedure**:

\* Write a paragraph (complete sentences) which explains step-by-step exactly what you did in the lab as a short summary.

**or**

\* Give a numbered step-by-step list of exactly what you did in such a way that anyone else could repeat the experiment.

**Results (Data):**

\* Include any data tables, observations, or additional notes you made.

\* You may attach a separate sheet(s) if necessary.

\* All tables, graphs and charts should be labeled appropriately.

**Conclusion**:

\* Restate your hypothesis and accept or reject your hypothesis.

\* Use your data to EXPLAIN why you accepted or rejected your hypothesis.

\* Include a summary of the data - averages, highest, lowest, etc to help the reader understand your results. Try not to copy your data here, you should summarize and reference KEY information.

\* List other tests you could do to confirm your hypothesis.

\*Discuss possible errors that could have occurred in the collection of the data (experimental errors)

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