

William H. Carr
Junior High School 194Q
Learning Today ~ Leading Tomorrow

Science Department
Lab Format

Cover: Include a title for the lab report, your name and your class.
(can have a backup picture - either drawn, copied or downloaded_

Background Information: Introduction that will describe the lab performed and provide background knowledge about the topic being covered.

- a. 3-5 key words
- b. 3-5 sentence gist of lab
- c. a few statements about what you know already

Problem: The question(s) that we are performing an experiment to answer.

Variables: Identify the independent variable (I.V.) and the dependent variable (D.V.)

Hypothesis: The educated guess we make prior to the experiment that is based on your prior knowledge and is supported with a reason/explanation.
(If the I.V......, then the D.V...... because.....)

Materials: List or copy the items that are needed in order to complete the lab/experiment/investigation.

Procedure: Detailed steps that describe the process followed to complete the lab/experiment/investigation.

Data: The information that is collected while doing the experiment that is needed to provide the results, in order to prove or disprove the hypothesis. (data table)

Results: The re-organization of data into a graph or chart. This section should be done on either graph paper in pencil or computer generated.

Conclusion: A summary of the information learned and a discussion of the answer to the problem. This section should also include whether or not your hypothesis was supported or not supported.

Follow-up Questions: Re-write the questions provided and include a detailed answer to the question. Answers should be in complete sentences and you should use data/results from the experiment/investigation to support your answers.