

Quincy Public Schools

Lab Report

A laboratory report should be:

- Clear and concise
- Have a purpose for the experiment
- State results and interpretations

Title of the Investigation:

Be specific and tell exactly what you are investigating.

Purpose:

- State the main objective of the lab that you are investigating.
- Identify the variables of the lab.

Hypothesis: (if applicable)

- Create using the if/then statement format.

Materials:

- List all materials used.

Procedure:

- Using bullets describe the procedures that you followed developing the experiment.
- This is also called the Control Experiment

Observations:

- Your results will often include:
 - Data and data tables
 - Graphs
 - Illustrations, sketches or drawings
 - Numerical information
- Provide a description for each visual to summarize the overall trend shown in the visual.

Conclusions:

- Begin with a statement of whether or not the overall results support or do not support the original hypothesis stated in the introduction.
- Point to specific data from the findings as evidence for deciding whether or not the hypothesis is supported.
- State what is known about the scientific concept of the lab to explain why or why not the data supports the hypothesis.
- Address other issues that may be appropriate, such as any problems that occurred or sources of uncertainty in the lab procedure.
- Answer questions throughout the lab when applicable.