



## Lab Report Template

40 Total Points

### I. Title: 2pts

- a. A brief, concise, and descriptive statement (not a question)

### II. Problem: 2pts

- a. What question are you trying to answer?

### III. Preliminary Observations and Prior Knowledge: 3pts

- a. Background information about the subject

### IV. Hypothesis: 2pts

- a. A possible solution to the problem
- b. Must be testable
- c. Write in the form of a question

### V. Parts of the Experiment: 4pts

- a. What is the...
  1. Control group?
  2. Experimental Group?
  3. Independent variable?
  4. Dependent variable?

### VI. Results (Data/Observations): 6pts

- a. Measurements, observations, notes made during the lab, etc.
- b. Tables, graphs, charts, etc. (label appropriately).

### VII. Analysis: 6pts

- a. Summary of the data (averages, highs, lows, etc.).
- b. Helps reader understand what the results mean.

### VIII. Conclusion: 6pts

- a. Accept or reject hypothesis (was the hypothesis correct).
- b. Why the hypothesis was correct or incorrect.
- c. Discuss any possible errors that could have occurred during the collection of the data.

### IX. Real Life: 5pts

- a. What is one thing that you have learned?
- b. How does this experiment relate to the real world?

### X. Format: 4pts

- a. Is the report neat and contains all parts.