

LAB REPORT FORMAT (on your own paper)

Your Name (1 point)
Lab Partners Names (1 point)

(*NOTE: Each section should be clearly titled and labeled in your lab report.)

Title (3 pts)

State the title of the lab.

Problem or purpose (10 pts)

State the problem to be investigated. It usually starts off 'To find.....'

Hypothesis (10 points) – Statement: 'If the *independent variable* then the *dependent variable*.' It should show a cause and effect relationship.

Background Information (15 pts)

This section can be included to introduce a new concept, a special formula or information on a new lab technique. Pre-Lab questions included in this section, if applicable.

Procedure (10 pts)

1. List the materials to be used in the lab (2 pts). This includes equipment, chemicals, solutions, etc. Should be in list format.
2. **SHOW A DIAGRAM** of the equipment set-up for the lab (5 pts). You may draw your own or use the one from a lab handout.
3. If the procedure to be used is listed, retype or rewrite them. Should be in numerical, step-by-step format. (3 pts)
4. If no procedure is given, you will need to list all the steps. Always put the steps into *your own words*.

Results includes Observations and Data (20 pts)

1. List all measurements to the proper number of significant digits and proper unit. If a balance shows a mass of 45.821g then you need to record the entire number.
2. Record all observations in table form.
3. Data refers to measurements and observations. If you graph data, be sure your graph has a title and labels on each axis.

Calculations (0-5 pts) – May not apply to every lab

1. You must show how to set up and solve for all calculations. (not needed for the strawberry lab)
2. Include all formulas and show how the data is substituted into the formula and solved.

Conclusion (5 pts)

Answer the problem, list the final results, elaborate, tie in with your notes.

Post-lab Questions (20-25 pts – Based on calculation section) Answer these questions, in complete sentences, after completing the lab and write-up.