

Lab Report Template

Science Writing Heuristic

You must include the following in your lab reports:

1. **Title:** a brief, concise, yet descriptive title
2. **Statement of the Problem/Question/Purpose:**
 - a. what question(s) are you trying to answer?
 - b. include any preliminary observations or background information about the subject
3. **Hypothesis:**
 - a. write a possible solution for the problem
 - b. make sure this possible solution is a complete sentence
 - c. make sure the statement is testable
 - d. must be an “If...Then...Because...” statement
4. **Materials:**
 - a. make a list of ALL items used in the lab
5. **Procedure:**
 - a. write a paragraph (complete sentences) which explains what you did in the lab as a short summary
 - b. add details (step-by-step) of your procedure in such a way that anyone else could repeat the experiment
6. **Results (Data):**
 - a. this section should include any data tables, observations, or additional notes you make during the lab
 - b. you may attach a separate sheet(s) if necessary
 - c. all tables, graphs and charts should be labeled appropriately
7. **Conclusion:** refer to “Lab Report Template-Conclusion Stems”
8. **Extension**
 - a. how do your ideas compare with other ideas?
 - b. reflect on how your ideas have changed