

Formal Science Lab Write-up Protocol

Title: This describes the purpose of the lab

Introduction: In one or two sentences state the scientific concept the lab is about. Next describe the facts and background information about that scientific concept. The last sentence is your hypothesis statement.

Methods: This section of your lab report includes step by step (usually numbered) specific procedures. Enough detail about equipment, materials and procedures must be included so someone may repeat this experiment.

Data: Graphs, tables and charts are included in this section to help the reader visualize the results of the experiment. All data tables, graphs and charts must be labeled.

Results: Begins with a sentence or two describing the overall findings of the lab. A paragraph summarizing each visual must be included in this section. Visuals are referred to using an appropriate reference (Table #1, Figure #3). Trends and factual information are reported in the results section, but explanations are avoided.

Conclusion: States what was learned about the scientific concept, a plausible explanation of the results with support from the data and state if the hypothesis was/was not supported by the data.

You must include all the sources used in writing this lab report, such as the lab manual, the textbook, and any reference books or articles cited.

Documentation style for citations and references should follow the guidelines set forth in this SMART Manual.