

| CATEGORY | 4 | 3 | 2 | 1 |
|-----------------------------------|---|---|---|---|
| Appearance/ Organization 5% | Lab report is typed and uses headings and subheadings to visually organize the material. | Lab report is neatly handwritten and uses headings and subheadings to visually organize the material. | Lab report is neatly written or typed, but formatting does not help visually organize the material. | Lab report is handwritten and looks sloppy with cross-outs, multiple erasures and/or tears and creases. |
| Question/ Purpose 5% | The purpose of the lab or the question to be answered during the lab is clearly identified and stated. | The purpose of the lab or the question to be answered during the lab is identified, but is stated in a somewhat unclear manner. | The purpose of the lab or the question to be answered during the lab is partially identified, and is stated in a somewhat unclear manner. | The purpose of the lab or the question to be answered during the lab is erroneous or irrelevant. |
| Procedures 10% | Procedures are listed in clear steps. Each step is numbered and is a complete sentence. | Procedures are listed in a logical order, but steps are not numbered and/or are not in complete sentences. | Procedures are listed but are not in a logical order or are difficult to follow. | Procedures do not accurately list the steps of the experiment. |
| Data 20% | Professional looking and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. | Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. | Accurate representation of the data in written form, but no graphs or tables are presented. | Data are not shown OR are inaccurate. |
| Calculations 20% | All calculations are shown and the results are correct and labeled appropriately. | Some calculations are shown and the results are correct and labeled appropriately. | Some calculations are shown and the results labeled appropriately. | No calculations are shown OR results are inaccurate or mislabeled. |
| Analysis 20% | The relationship between the variables is discussed and trends/patterns logically analyzed. Predictions are made about what might happen if part of the lab were changed or how the experimental design could be changed. | The relationship between the variables is discussed and trends/patterns logically analyzed. | The relationship between the variables is discussed but no patterns, trends or predictions are made based on the data. | The relationship between the variables is not discussed. |
| Conclusion 20% | Conclusion includes whether the findings supported the hypothesis, possible sources of error, and what was learned from the experiment. | Conclusion includes whether the findings supported the hypothesis and what was learned from the experiment. | Conclusion includes what was learned from the experiment. | No conclusion was included in the report OR shows little effort and reflection. |