Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_

 Lab Report Rubric

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| --- | --- | --- | --- | --- |
| CATEGORY | **4** | **3** | **2** | **1** |
| **Introduction** | 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 stated, but is unclear. | The purpose of the lab is not correct. | The purpose of the lab is not stated. |
| **Procedure and Materials****\*No point value for this lab** | Procedures are clearly stated, detailed and easy to repeat. | Procedures are somewhat repeatable. Steps are outlined, but lacking some detail. | The steps are outlined, but there is not enough detail to repeat the procedure. | Several steps are not outlined, and there is not enough detail to repeat the procedure. |
| **Results/Observations** | Exceptional, accurate representation of the data in tables and graphs. Qualitative observations go above and beyond. | Accurate representation of the data in tables and graphs. Qualitative observations are included. | Weak representation of the data in tables and graphs, or no qualitative observations | No table and graph, or no qualitative observations. |
| **Discussion****(Points x 2)** | Makes insightful and original connections between the lab and other scientific concepts. All ideas are clearly explained and supported. | Student makes connections between the lab and other scientific concepts. | Discussed scientific concepts somewhat, but needs more information. | Discussion lacks purpose. |
| **Conclusion****(Points x 2)** | Student has gone above and beyond in explaining their conclusion based upon their results. Possible sources of error are clearly explained. | The conclusion is clearly based upon their results. Possible sources of error are explained. | Conclusion is loosely based upon results. Weak possible source of error. | Conclusion does not answer question or purpose. No source of error. |
| **Lab Format****Spelling****Grammar** | No errors in lab format, spelling, or grammar. | Few errors. | Many errors. | Poorly done. |

Total Grade /28