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| |  | | --- | | **Lab Report : Chemistry**  Teacher Name: **Mr. Gallery**    Student Name:     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

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| CATEGORY | **4** | **3** | **2** | **1** |
| **Participation** | Used time well in lab and focused attention on the experiment. | Used time pretty well. Stayed focused on the experiment most of the time. | Did the lab but did not appear very interested. Focus was lost on several occasions. | Participation was minimal OR student was hostile about participating. |
| **Error Analysis** | Experimental errors, their possible effects, and ways to reduce errors are discussed. | Experimental errors and their possible effects are discussed. | Experimental errors are mentioned. | There is no discussion of errors. |
| **Procedures** | 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. |
| **Calculations** | 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. |
| **Conclusion** | 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. |
| **Scientific Concepts** | Report illustrates an accurate and thorough understanding of scientific concepts underlying the lab. | Report illustrates an accurate understanding of most scientific concepts underlying the lab. | Report illustrates a limited understanding of scientific concepts underlying the lab. | Report illustrates inaccurate understanding of scientific concepts underlying the lab. |