

## Lab Report :

Teacher Name: **Mr. Washburn**

Student Name: \_\_\_\_\_

| CATEGORY                                 | 4  | 3   | 2   | 1   |
|--|--|---|---|---|
| <b>Objective</b>                         | All required elements are present and additional elements that add to the report (e.g., thoughtful comments, graphics) | All required elements are present.  | One required element is missing, but additional elements that add to the report (e.g., thoughtful comments, graphics)     | Several required elements are missing.  |
| <b>Appearance Organization</b>           | 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. |
| <b>Spelling, Punctuation and Grammar</b> | One or fewer errors in spelling, punctuation and grammar in the report.  | Two or three errors in spelling, punctuation and grammar in the report.   | Four errors in spelling, punctuation and grammar in the report.   | More than 4 errors in spelling, punctuation and grammar in the report.                                  |
| <b>Participation</b>                     | 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.                                   |
| <b>Question/Purpose</b>                  | 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 | The purpose of the lab or the question to be answered during the lab is partially identified, and is stated in a somewhat | The purpose of the lab or the question to be answered during the lab is erroneous or irrelevant.        |
| <b>Experimental Hypothesis</b>           | Hypothesized relationship between the variables and the predicted results is clear and reasonable based on what has    | Hypothesized relationship between the variables and the predicted results is reasonable based on general knowledge      | Hypothesized relationship between the variables and the predicted results has been stated, but appears to be based        | No hypothesis has been stated.  |
| <b>Materials</b>                         | All materials and setup used in the experiment are clearly and accurately described.                                   | Almost all materials and the setup used in the experiment are clearly and accurately described.                         | Most of the materials and the setup used in the experiment are accurately described.                                      | Many materials are described inaccurately OR are not described at all.                                  |

|                   |   |   |  |   |
|-------------------|---|---|--|---|
| <b>Procedures</b> | 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.                  |
| <b>Data</b>       | Professional looking and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and | 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.   |
| <b>Analysis</b>   | The relationship between the variables is discussed and trends/patterns logically analyzed. Predictions are made        | 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.                        |
| <b>Conclusion</b> | Conclusion includes whether the findings supported the hypothesis, possible sources of error, and what was learned      | 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. |