|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **4** | **3** | **2** | **1** | **0** |
| **Introduction** | Background information is researched and cited. Hypothesis is stated in “If…then…” format and explained. | Background information is researched and cited. Hypothesis is stated but not explained and not in “If…then…” format. | Background information is vague or brief. Hypothesis is stated but not explained and not in “If…then…” format. | Background is vague or brief, hypothesis is vague, or background or hypothesis is missing. | No introduction is presented. |
| **Materials & Methods** | Materials and amounts are identified. Steps are easy to follow and in paragraph form. | Materials are mentioned but without amounts. Steps are easy to follow and in paragraph form. | Materials are mentioned but without amounts. Steps are vague but in paragraph form. | Doesn’t provide enough information to represent an experimental procedure. | No materials or methods described. |
| **Data** | Data is complete and relevant. Tables are easy to read and units are provided. Graphs are labeled and show trends. Questions are answered completely and correctly. | One component or data incomplete:  \_\_\_ Tables  \_\_\_ Graphs  \_\_\_ Questions | Two components or data incomplete or one missing:  \_\_\_ Tables  \_\_\_ Graphs  \_\_\_ Questions | Data is brief and missing significant pieces of information. | No data reported. |
| **Conclusion** | Conclusion summarizes experiment, cites data, addresses hypothesis, and cites sources of error. | One component of conclusion missing:  \_\_\_ Summary  \_\_\_ Data  \_\_\_ Hypothesis  \_\_\_ Errors | Two components of conclusion missing:  \_\_\_ Summary  \_\_\_ Data  \_\_\_ Hypothesis  \_\_\_ Errors | Conclusion is brief and is missing significant pieces of information. | No conclusion present. |
| **Report Quality** | Report is well organized and cohesive and contains no mechanical errors. Presentation seems polished. | Report is well organized and cohesive but contains some spelling or grammatical errors. | Report is somewhat organized with some spelling or grammatical errors. | Report contains many errors | No attention to detail evident |