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| --- | --- | --- | --- | --- | --- |
|  | **4 points** | **3 points** | **2 points** | **1 point** | **0 points** |
| **Title Page/ Abstract**  | * Title is relevant
* Abstract is concise and summarizes entire lab
 | * Title is relevant
* Abstract is concise but does not cover entire lab
 | * Title is relevant
* Abstract is missing significant pieces of information
 | * Title is relevant
 | * No title page or abstract
 |
| **Introduction**  | * Background information
* Purpose of the lab/question to be answered in the lab
* State hypothesis based on sound reasoning
* Proper In-text citations
 | * ¾ conditions met
 | * 2/4 conditions met
 | * Introduction present but no exemplary conditions met
 | * No introduction is presented.
 |
| **Materials/ Methods**  | * Complete list of materials and exact steps followed, could be repeated by another scientist
* Variables and constants identifies
 | * Description included, some steps are vague or unclear
* Variables and constants unclear
 | * General description, enough for reader to understand how the experiment was conducted
* Variables and/or constants missing
 | * Would be difficult to repeat, reader must guess how data was gathered and experiment was conducted
 | * No materials or methods described.
 |
| **Results/Data**  | * Results referring to data tables and figures
* Data is complete and relevant. Tables are easy to read and units are provided.
* Graphs and figures are labeled correctly.
 | * One component of data incomplete:

\_\_\_Results\_\_\_Tables \_\_\_Graphs  | * Two components of data incomplete or one missing:

\_\_\_Results\_\_\_Tables \_\_\_Graphs  | * Data is brief and missing significant pieces of information.
 | * No data reported.
 |
| **Discussion/ 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.  |
| **Format & Lab Protocols**  | * Report is well organized and cohesive and contains no mechanical errors. Presentation seems polished.
* References properly cited in APA format
 | * Report is well organized and cohesive but contains some spelling or grammatical errors.
* References properly cited in APA format
 | * Report is somewhat organized with some spelling or grammatical errors.
* References cited in APA format with error
 | Report contains many errors.  | No attention to detail evident.  |