

| Lab Report Rubric   | Experienced | Competent | Transitional | Needs Improvement |
|---|-------------|-----------|--------------|-------------------|
| <b>Introduction/Hypothesis</b>  |             |           |              |                   |
| Provides a background for the experiment  |             |           |              |                   |
| Information is specific and accurate  |             |           |              |                   |
| Included relevant information that is correctly cited   |             |           |              |                   |
| Hypotheses is fully developed   |             |           |              |                   |
| Hypothesis is correctly stated with both variables identified   |             |           |              |                   |
| <b>Procedure/Methods</b>  |             |           |              |                   |
| Clearly describes scientific methods that are logical, precise, safe, ethical and consistent with accepted scientific practices |             |           |              |                   |
| Describes procedures that can be replicated   |             |           |              |                   |
| Identification of variables: control, dependent variable, independent variable, constants                                       |             |           |              |                   |
| Appropriate use of scientific tools/technologies  |             |           |              |                   |
| <b>Results/Data Collection</b>  |             |           |              |                   |
| Significant data has been collected efficiently and in appropriate ways   |             |           |              |                   |
| Data is accurately recorded and displayed using the most relevant and organized methods   |             |           |              |                   |
| <b>Discussion/Conclusion</b>  |             |           |              |                   |
| A precise statement of the investigation results relates directly to the question of the hypothesis                             |             |           |              |                   |
| Statements made are supported by the data collected   |             |           |              |                   |
| Provides a clear explanation of the results   |             |           |              |                   |
| Provides a context and applications for the experiment  |             |           |              |                   |
| Demonstrates knowledgeable about the experiment   |             |           |              |                   |
| Answers assigned questions correctly  |             |           |              |                   |
| <b>Bibliography</b>   |             |           |              |                   |
| References are cited using correct MLA format   |             |           |              |                   |

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