

### Rubric for Assessment of a Formal Lab Report

<b>Student Name</b>					
<b>Final Overall Score</b>	<b>(Please write score and circle ranking)</b>	<b>Poor</b> <b>&lt;21</b>	<b>Fair</b> <b>21-23</b>	<b>Good</b> <b>24-26</b>	<b>Very Good</b> <b>27-30</b>
<b>Space for additional reviewer remarks</b>					

<b>Element</b>	<b>Exemplary (3)</b>	<b>Proficient (2)</b>	<b>Needs Improvement (1)</b>	<b>Unsatisfactory (0)</b>
<b>Hypothesis</b>	The hypothesis is specific and clearly states the purpose	The hypothesis states the purpose but is not specific	The hypothesis is present but not related to the experiment.	Hypothesis is missing.
<b>Materials</b>	All Materials are listed.	Most materials are listed.	Some materials are listed.	No materials are listed.
<b>Procedure</b>	Procedure is complete and easy to follow. All steps are present.	Procedure contains most steps and is easy to follow.	Procedure is missing steps and difficult to follow.	Procedure section is missing.
<b>Data</b>	Data are clearly shown in table format and is neat and easy to read. An excel table may be attached.	All data is present but messy and difficult to read.	Data is incomplete or missing.	Data section is missing.
<b>Graph: Title and Axis Labels.</b>	Graph has a relevant title and Axis are labeled with variable and unit. Unit is in parenthesis behind variable.	Graph is missing title or one Axis Label, or variables don't include units.	Graph is missing two or more of the requirements.	Graph is missing.
<b>Graph: Scale and Independent Variable on X-axis</b>	Graph has an appropriate scale on both x and y axis. The independent variable is on the X-axis.	Graph has an appropriate scale on either x or y axis or the independent variable is not on the X-axis.	Neither scale is appropriate or one scale is inappropriate and the independent variable is not on the X-axis.	Graph is missing.
<b>Analysis</b>	Analysis is complete and contains appropriate statistical analysis.	Analysis is mostly complete but missing or statistical analysis attempted but incorrect.	Analysis is mostly complete but no statistical analysis is shown.	Analysis section is missing.
<b>Conclusion</b>	The conclusion relates to the hypothesis and contains a comprehensive discussion of error or confounding variables.	The conclusion does not relate to the hypothesis but contains a discussion of error or confounding variables, or the conclusion relates to the hypothesis but the discussion of error or confounding variables needs improvement.	The conclusion does not relate to the hypothesis and the discussion of error or confounding variables is poor.	Conclusion section is missing.
<b>Style</b>	The report is written in complete sentences (except materials section) and contains no personal pronouns. Grammar and spelling are correct.	The report is written in complete sentences and contains no personal pronouns. Most of the grammar and spelling are correct.	The report has several grammar and spelling mistakes, and many sentence fragments. It contains personal pronouns.	The report is written is not well written and contains many errors in spelling, grammar, and sentence structure.
<b>Ink</b>	Report is written in blue or black ink or typed.	N/A	N/A	Report is written in anything other than blue or black ink.