

**LAB POSTER RUBRIC**

<b>Score</b>	<b>Component</b>	<b>Advanced (5)</b>	<b>Proficient (3)</b>	<b>Needs Improvement (1)</b>
	<b>Question</b>	Question is narrowly focused and suggests how an answer might be investigated. It is answerable.	Question is answerable but not narrowly focused.	Question is too broad and not practically investigated.
	<b>Identification of Variables</b>	Correctly identifies specific, measurable independent and dependent variables.	Identifies variable being tested and variable being measured.	Variables and constants incomplete and/or inaccurate
	<b>Hypothesis</b>	Hypothesis is testable and clearly stated. Specifically predicts relationship between dependent and independent variables.	Hypothesis is clearly stated.	Hypothesis is poorly stated and doesn't mention the variables.
	<b>Materials</b>	Complete, detailed list of materials presented in vertical list format.	Most materials are listed and appropriate.	Materials incomplete for experiment.
	<b>Procedure</b>	Procedure is in vertical list format, accurate, complete, easy-to-follow, and reproducible by another person. Includes diagrams to clarify procedures.	Minor errors/omissions make it difficult to follow or not always repeatable.	Procedure difficult to follow. Major omissions or errors.
	<b>Data Tables</b>	Data table contains accurate, precise raw data and summary data reported in correct SI units with descriptive title.	Data table with accurate data, most units labeled or implied. Minor errors. Title absent.	Data table inaccurate, confusing and/or incomplete. Missing units.
	<b>Graphs</b>	Well organized, easy to read graph and/or figures. Descriptive title, appropriate labeling, keys, etc.	Well organized, easy to read graph and/or figures. Descriptive title, minor errors in use of units and labeling.	Graph/figures presented in a confusing and/or sloppy fashion.
	<b>Conclusion</b>	Scientifically valid, logical conclusion, well supported by the data collected. Clearly addresses the stated hypothesis.	Scientifically valid, logical conclusion, supported by data collected. Attempts to address problem and stated hypothesis.	Conclusion is incomplete or illogical. Does not address the problem and hypothesis.
	<b>Error Analysis</b>	Sources of error identified and explained. Appropriate recommendations made to eliminate errors.	Sources of error identified.	Weak/trivial attempt to identify sources of error.
	<b>Style</b>	Neat and well presented, appropriate for public presentation	Neat and well presented with only minor errors	Messy, looks like it was done in a rush or at the last minute