

FMRHS Science Department Laboratory Report Rubric for **analytical or task** oriented lab (16)

Weighting of scoring domains for each lab may vary.

<b>Scoring domains</b>	Proficient with distinction (5)	Proficient (4)	Partially proficient (3)	Moving towards partial proficiency (2)	Not yet proficient (1)
<b>Introduction</b>	All relevant background information and vocabulary definitions included. Problem or purpose clearly stated.	Includes some background information and defines most relevant vocabulary. Problem or purpose stated.	Little background information and few vocabulary words defined. Problem or purpose stated.	Attempts to include some background information, a few vocabulary words and problem or purpose.	Not present or poor attempt to include relevant information.
<b>Materials</b>	Complete, organized list.	Nearly complete, organized list.	List missing many items or disorganized.	Incomplete and disorganized list.	Little or none present.
<b>Procedure</b>	Clear, consecutive, detailed and repeatable.	Complete, missing some detail, repeatable.	Hard to repeat due to low level of detail or missing parts.	Missing details make task not repeatable.	Little information or not present.
<b>Data &amp; Analysis</b>	Data accurately collected, well organized, and labelled. Graphic modelling and analysis complete.	Most data accurately collected, organized, and labelled. Graphic modelling and analysis present.	Data shows some accuracy, organization and labelling. Graphic modelling and analysis attempted.	Data present, lacks accuracy, organization and labelling. Little graphic modelling and analysis attempted.	Data not present. Little or no data analysis.
<b>Conclusion and discussion</b>	Uses data evidence to solve problem, or demonstrate purpose. Discussion includes sources of error, unexpected results, improvements, and relevant questions answered.	Some use of data evidence to solve problem, or demonstrate purpose. Attempts to include sources of error, unexpected results, Improvements and most relevant questions answered.	Data evidence not used to solve problem, or demonstrate purpose. Limited discussion of error, and some relevant questions answered.	Inaccurately interprets data and provides no critical feedback. Answers few relevant questions.	Little or no information given.

<b>Works cited</b>	Complete and in correct format. Includes in-class materials and may include extra materials.	Complete and mostly in correct format. Includes most in-class materials.	Some in-class materials included. Not in correct format.	Incomplete, and not in correct format.	Not present.
<b>Presentation and communication</b>	Correctly formatted, logical flow, all components included. Most spelling and grammar correct. Formal objective report style writing throughout.	Generally, is correctly formatted with logical flow and all components included. Some spelling and grammar errors. Mostly uses formal objective report style writing.	Some correct formatting and logical flow with most components included. Some spelling and grammar errors. Attempts to use formal objective report style.	Many formatting errors and components missing. Spelling and grammar errors detract from meaning. Does not use formal objective report style.	Many formatting errors with little information presented. Spelling and grammar detract from meaning. Does not use formal objective report style.