

Name: _____

Section: _____

Lab Report - Grading Rubric



Component	Exceptional (5 - 4 Points)	Acceptable (3 - 2 Points)	Marginal (1 - 0 Point)	Point(s)
Title	Title of the lab is descriptive, and representative of the purpose; clearly incorporates the experiment's variables	Title of the lab is a general description of the purpose	Title is completely erroneous or irrelevant	
Purpose/Question	Purpose of the lab or the question to be answered during the lab is clearly identified and stated	Purpose of the lab or the question to be answered during the lab is partially identified - vague	Purpose of the lab or the question to be answered during the lab is erroneous or irrelevant	
Experimental Hypothesis	Hypothesized relationship between the variables and the predicted results is clear and reasonable based on what has been studied and the information collected	Hypothesized relationship between the variables and the predicted results is reasonable based on general knowledge and observations	Hypothesized relationship between the variables and the predicted results has been stated, but appears to be based on flawed logic	
Materials	All materials and the setup used in the experiment are clearly and accurately listed	Most of the materials and the setup used in the experiment are accurately listed	Many materials are listed inaccurately	
Procedures	Procedures are listed in clear steps; each step is numbered and in a complete sentence; the experiment could be easily replicated based on the procedures provided	Procedures are listed, but seem to be missing some information that would allow one to successfully replicate the experiment; some steps are not numbered and/or are in incomplete sentences	Procedures do not accurately list the steps of the experiment	
Mechanics	No errors in spelling, punctuation and/or grammar in the report	Few errors in spelling, punctuation and/or grammar in the report	Many errors in spelling, punctuation and/or grammar in the report	
Format	Lab report is typed/written using the appropriate format specified by the <i>Lab Report Format</i> sheet	Lab report is mostly typed/written using the appropriate format, but revisions are necessary	Lab report is not typed/written using the appropriate format	

Component	Exceptional (15 - 11 Points)	Acceptable (10 - 6 Points)	Marginal (5 - 0 Points)	Point(s)
Data/Observations	Professional looking and accurate representation of the data in tables, graphs, and written form; graphs and tables are appropriately labeled and titled	Accurate representation of the data in two of the three possible forms (written, graphs, tables); graphs or tables are not appropriately labeled and titled; " <u>something is missing</u> "	Data are inaccurate and/or represented in only one of the three possible forms (written, graph, tables); " <u>a lot is missing</u> "	
Conclusion	Conclusion includes a summary of the experiment, whether the findings supported the hypothesis, possible sources of error, and what was learned from the experiment	Conclusion includes a general overview of the experiment and what was learned from the experiment; " <u>something is missing</u> "	Conclusion shows little effort and reflection; " <u>a lot is missing</u> "	
Experimental Design	Experimental design shows a clear understanding of the scientific process and thoroughly addresses the factors necessary (variables, controls, repeated trials, etc.) to gather the most accurate data/results	Experimental design shows a basic understanding of the scientific process; does not address all factors necessary to gather the most accurate data/results	Experimental design shows a minimal understanding of the scientific process; fails to address many factors necessary to gather the most accurate data/results	

Total = /80

Additional Comments: