

Name: _____

Section: _____

Lab Report - Grading Rubric



Component	Exceptional (5 - 4 Points)	Acceptable (3 - 2 Points)	Marginal (1 - 0 Point)	Point(s)
Title	The title of the lab is descriptive, clear, and representative of the purpose.	The title of the lab is a general description of the purpose.	The title (if present) is completely erroneous or irrelevant.	
Question/Purpose	The purpose of the lab or the question to be answered during the lab is clearly identified and stated.	The purpose of the lab or the question to be answered during the lab is partially identified - vague.	The 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 OR are not listed at all.	
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 are not in a logical order or are difficult to follow. Some steps are not numbered and/or are in incomplete sentences.	Procedures do not accurately list the steps of the experiment. Steps are not numbered and/or are in incomplete sentences.	
Mechanics	No errors in spelling, punctuation and/or grammar in the report.	One or two errors in spelling, punctuation and/or grammar in the report.	Three or more 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 a few 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; however, the experimental design does not address all factors necessary to gather the most accurate data/results.	Experimental design shows a minimal understanding of the scientific process. The experimental design fails to address many factors necessary to gather the most accurate data/results.	

Total = /80

Additional Comments: