

Name: _____ Class: _____ Date: _____

Lab Report Grading Rubric

Category	Requirements	Possible points	Points earned
Title	Lab Title is included.	1	
Question/ Purpose	The purpose of the lab or the question to be answered during the lab is clearly identified and stated in the correct testable question format.	4	
Hypothesis	Hypothesized relationship between the variables and the predicted results is: a. Clear and reasonable based on what has been studied. (4) b. Hypothesis is also in correct format. (4)	8	
Materials	All materials used in the experiment are clearly and accurately described in a vertical list.	15	
Procedures	Procedures are: a. Very detailed & listed in clear steps that could be followed to repeat the experiment (10) . b. Each step is numbered and is a complete sentence. (10)	20	
Data Table	Data table is included & meets all of the following criteria: a. Professional looking and is an accurate representation of the data. (2) b. IV and DV data are clearly identified on table (2) c. IV and DV include units where appropriate. (2) d. Table is titled in proper format (2)	8	
Graph	Graph is included & meets all of the following criteria: a. Professional looking and is an accurate representation of the data. (2) b. The proper type of graph is utilized (2) c. Axes are properly identified with IV and DV (2) d. IV and DV info on axes are properly labeled with units where appropriate(2) e. Information on axes is spaced with proper increments (2) f. Graph is titled in proper format (2)	12	
Analysis & Conclusion	In paragraph form (2): a. Explain why you did the experiment (what testable question were you trying to answer).(2) and question is in correct format(2). b. Restate your hypothesis. (2) c. Explain if your data rejects or proves your hypothesis. (4) d. Specifically state at least 3 specific data collected and explain how it helped you to decide if your hypothesis was rejected or proven. (6) e. Explain what you learned from the experiment. (2)	20	
Reflection	In paragraph form (2): a. Give at least 2 possible sources of error and how explain you could correct them in your procedure. (4) b. Give a different question(in proper testable question format) that you could ask. OR c. Give a new hypothesis that you could make based upon the knowledge that you gained in this experiment. (4) d. Give a real life example to which this lab would apply (other than the example provide for this lab). (2)	12	

TOTAL POINTS 100

- **5 Points will be lost for submitting a lab report using an incorrect format (see Essential Science Information for format and sample)**
- **5 Points will be lost for submitting a lab report with spelling/grammar errors in excess of 5 in the entire lab.**

**THIS SCORING RUBRIC MUST BE ATTACHED TO YOUR FINAL COPY!
THE ROUGH DRAFT WILL ALSO BE COLLECTED (NOT ATTACHED).**