



Lab Report Rubric

	Excellent (4 pts)	Good (3 pts)	Adequate (2 pts)	Needs Work (1 pt)	Not attempted (0)
Introduction	1. Testable question to be answered by the lab 2. Hypothesis written using proper formula and is based on research and sound reasoning	One of the "excellent" conditions is not met, both sections present	Two sections present but do not meet "excellent" standard	One of the sections is missing from write up.	
Methods	Materials list and step-by-step process is included, could be repeated by another scientist	Description included, some steps are vague or unclear	The description gives generalities, enough for reader to understand how the experiment was conducted	Would be difficult to repeat, reader must guess at how the data was gathered or experiment conducted	
Data and Analysis	Results and data are clearly recorded, organized so it is easy for the reader to see trends. All appropriate labels are included	Results are clear and labeled, trends are not obvious or there are minor errors in organization	Results are unclear, missing labels, trends are not obvious, disorganized, there is enough data to show the experiment was conducted	Results are disorganized or poorly recorded, do not make sense ; not enough data was taken to justify results	
Conclusions	1. Summarizes data used to draw conclusions 2. Hypothesis is rejected or accepted based on the data. 3. Claims are supported by evidence from the data. 4. Reasoning is based on sound logic/scientific principles. 5. Sources of error identified if appropriate.	3-4 of 5 of the "excellent" conditions is met	2-3 of the 4 excellent conditions met	1 of the 4 excellent conditions met	
Format and Lab Protocols	Lab report submitted as directed, and on time. Directions were followed, stations were cleaned. All safety protocols followed.	Most of the excellent conditions were met; possible minor errors in format or procedures	Some of the excellent conditions met, directions were not explicitly followed, lab stations may have been left unclean or group not practicing good safety (such as not wearing goggles)	Student did not follow directions, practiced unsafe procedures, goofed around in the lab, left a mess or equipment lost	
	TOTAL = /				



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