

Lab Report Rubric

Name: _____					
Title: _____					
	Excellent (4 pts)	Good (3 pts)	Adequate (2 pts)	Needs work (1 pt)	Not attempted (0 pts)
Introduction	Provides well-researched context for current study, including the question to be answered. Hypothesis is stated clearly and explained well.	Provides well-researched context for current study, including the question to be answered. Hypothesis is stated but not explained well.	Contextual information is vague or not sufficiently detailed. Hypothesis is stated but not explained well.	Contextual information is vague or not sufficiently detailed, or hypothesis is missing.	No hypothesis or background information provided.
Materials and Methods	Step-by-step description of procedure is included that could be repeated by another scientist.	Description is included but some steps are vague or unclear.	General description is included but details are lacking.	Would be difficult for another scientist to repeat based on description provided.	No description of procedure provided.
Results	Data are summarized in text and presented visually in a form easily interpretable by the reader. Conclusions are appropriate given the data.	Data are summarized in text and presented visually, but there are minor errors in organization. Conclusions are appropriate given the data.	Data are unclear or disorganized, or not presented visually in a form easily interpretable by the reader. Justifications for conclusions are not obvious.	Data are disorganized or incompletely recorded, not presented in a form that can be interpreted easily. Conclusions are unjustified.	No data presented.
Discussion	Clearly summarizes the data and the rationale for conclusions drawn. Discusses applications or links to other studies in the literature. Hypothesis is accepted or rejected based on the data.	Clearly summarizes the data and the rationale for conclusions drawn. Discussion of applications or links to other studies in the literature is weak or limited. Hypothesis is accepted or rejected based on the data.	Does not clearly summarize the data and the rationale for conclusions drawn. Discussion of applications or links to other studies in the literature is weak or limited. Hypothesis is accepted or rejected based on the data.	Does not clearly summarize the data and the rationale for conclusions drawn. Discussion of applications or links to other studies in the literature is weak or limited. Hypothesis is not accepted or rejected based on the data.	No discussion provided.
References	Information is properly cited and references are provided in the appropriate format.	Minor citation errors but references are provided in the appropriate format.	Many failures to cite information properly, or major deficiencies in formatting the citations provided.	Information is not properly cited, and those references provided do not follow the appropriate format.	No references provided.
Overall quality	Lab report formatted as assigned and submitted on time. No errors in spelling or grammar.	Minor errors in format, or minor errors in spelling or grammar. Report submitted on time.	Errors in formatting and spelling and grammar found throughout the report, or report submitted late.	Format not followed properly, or significant issues with spelling and grammar that make the report difficult to read, or report submitted significantly late.	Format not followed properly and major issues with spelling and grammar that make the report difficult to read and report submitted significantly late.