

THE WRITTEN LAB REPORT RUBRIC

The lab report will serve as an evaluative record of your personal experiences in the laboratory. Neatness, legibility, and organization are essential for a satisfactory, complete report. The lab report is to be written in ink. Graphs, charts, diagrams and illustrations must be done in pencil. See "Lab Report Format" for directions on how to complete a laboratory report.

Lab Exercise w/o Graph = 20 points

Lab Exercise w/ Graph = 30 points

Lab Component	Criteria	Points
Title	The title of the lab report must be specific. Lab # ____	1
Problem	A statement in the form of a question. i.e. What is the effect of salt on the size of Elodea cells?	1
Hypothesis	A statement in the form of "if then", that possibly explains the answer to the problem.	1
Vocabulary	These must be defined in complete sentences.	2
Procedures	A brief paragraph that <u>summarizes</u> the procedures in the proper sequence; be sure to include necessary equipment and materials.	1
Observations	Attach any data collected during the lab. Observations will include graphs, charts, data tables, diagrams, and illustrations.	2
Graph	See Graph Rubric	10
Questions	Questions must be answered on a separate sheet of lined paper. Do not write out the question. All answered questions must be numbered and in complete sentences. Attach paper with answered questions to the written lab report.	10
Conclusions	In a paragraph of at least five sentences, discuss your observations and results and how they relate to your hypothesis.	2
Total		30

Lab Quiz	An evaluation of what you learned from the "Lab Exercise".	*
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Graph Rubric

Graph Component	Criteria	Points
Title	A statement that represents the relationship in the graph. i.e. Trial vs. Time	1
Scale	Each axis has an appropriate scale.	2
Labeled Axes	The correct variable labeled on the correct axis. Must include units. i.e. Time (seconds)	2
Plotted Points	Points are plotted correctly according to data.	5
Total		10

* A lab quiz will be given to evaluate what you learned from the "Lab Exercise". Lab quiz points will be based on the particular lab quiz.