

Lab Rubric

	1 – Needs Lots of Improvement	2 – Needs Some Improvement	3 - Proficient	4 – Quality
Notebook Recording Skills	Any pencil or erasable pen	Written in pen but is not organized. Has scribbled out information. May be missing information.	Written in pen. Introduction / Procedure / Materials / Data is not well organized, but can be followed. Any mistakes have a single line drawn thru them.	Introduction / Procedure / Materials / Data recording all organized and written ink in a notebook for just labs. Any mistakes have a single line drawn thru them.
Conclusion Procedure, Data, and Results	Procedure, Data and/or Results not listed	Procedure, Data and/or Results listed but not discussed.	Procedure is summarized. Data and/or Results listed and discussed in an organized manner.	Procedure is summarized. Data and results are logically discussed and displayed in an appropriate manner.
Question(s) Answered	No answer discussed	Answer is stated but is not explained	Answer is stated and explained but does not use data to back up the result	Answer is stated and explained and uses data from the lab to justify the explanation.
Scientific Explanation for data and results	No scientific explanation	Proper scientific vocabulary used, but lacks an understanding of the actual concept.	Scientific vocabulary used and shows a good grasp of the scientific principles associated with the data.	Scientific vocabulary is used properly to explain both the data and results as well as make “big picture” concepts that relate to the experiment(s)
Error and Possible Improvements discussed	No error or improvements discussed	Only “human error” mentioned.	Possible errors discussed to include both instrumental and human.	Errors discussed including ways to improve the experiment and reduce errors.