

Rubric - Laboratory Notebook - Final Check

Name _____

	5	4	3	2	1 or 0	Score
Table of Contents	All laboratories are entered with page numbers indicated.	Most laboratories are entered with page numbers.	Entries are incomplete but entered in an ordered and organized way.	Entries are confusing and/or mostly incomplete.	No Table of Contents	
Objective	All laboratories have clearly stated objectives, a purpose.	Most laboratories have clearly stated objectives.	Some laboratories have clearly stated objectives.	Objectives are unclear or missing from most laboratories.	No Objectives	
Observations	All laboratories contain observations using descriptive language.	Most laboratories contain observations using descriptive language.	Observations are incomplete, not very descriptive or inconsistent.	Very few observations are recorded	No observations	
Data	Data is well organized and calculated to the correct number of significant figures	Data is present but has some incorrect significant figures or could be better organized.	Data is present but is difficult to sort out, hard to read, and often has incorrect significant figures.	Data is incorrectly recorded or partially missing in some experiments.	Overall a lot of data is missing from many experiments.	
Conclusion and Reflection	Conclusions are objective, substantiated and demonstrate a reasoning process. Reflections suggest better ways to do the experiment.	Conclusions are present and demonstrate a reasoning process but are not completely objective OR reflections are somewhat personal.	Concluding remarks are present but they are sometimes subjective and may be more about laboratory procedures and execution of laboratory. They often do not explain the reasoning that supports the conclusions. Reflections may read more like a diary.	Conclusions and reflections do not illustrate the reasoning used to make conclusions. Conclusions are not often supported. Some labs do not have conclusions or reflections.	Conclusions and reflections are absent.	
Illustrations: Diagrams, Photographs	Many illustrations are present and are labeled.	Many illustrations are present but may be decorative and not relevant.	Some illustrations are present. They may not be labeled. They may not be relevant.	Few illustrations are present.	No illustrations are present.	

	5	4	3	2	1 or 0	
Overall appearance.	ink, laboratory notebook is legible and well organized. All sections are present. There is evidence the book was worked on in and out of the laboratory.	Notes are in ink and laboratory is well organized. All sections are present. Notebook lacks a professional appearance.	Notes are recorded in ink. Some documents are poorly attached. Some areas are illegible. Information may be blacked out.	Notebook is chaotic and illegible in part. Pencil may be used in places.	Pencil is used frequently, notebook is sloppy, documents are loose (not attached.)	
Selected Laboratories for Detailed Checking	Well organized and accurate write up of the experiment with well written conclusion and reflection sections.	Not so well organized but excellent data and thoughtful conclusions.	The experiment is recorded and appears to have been performed and there are conclusions and reflections but details are missing and/or organization is poor.	Data is present but there is no attempt to discuss it or analyze it or put it into any kind of context	Experiment is incomplete (1) or non-existence (0).	
Lab:	Excellent	Good	Average	Poor		
Lab:	Excellent	Good	Average	Poor		
Lab:	Excellent	Good	Average	Poor		
Comments						
Exceptional qualities.					Total Score:	out of 50