

Lab Notebook Grading Rubric (20 points possible)

Category	Proficient (2)	Developing (1)	Insufficient (0)	Weight	Score
<b>Organization and Presentation</b>	Experiment contains a title and clearly labeled sections with date. All observations, recorded data, and calculations are clearly labeled and legible.	Experiment is missing a key section, or insufficient detail is given for context. Some sections are not clearly labeled.	Experiment is missing or doesn't clearly label more than one key section (intro, procedure, data). Multiple sections are not labeled or not legible to reader.	x1	
<b>Description of experiment</b>	Procedure is clearly described in detail with figures (diagrams, cartoons, photos) to complement text to aid in understanding and reproducing setup.	Procedure is adequately described but missing key details	Procedure is not described in sufficient detail to understand basic elements of setup. Reader is unable to understand experiment without lab manual information.	x2	
<b>Answers to questions from lab write-up</b>	Correct and complete answers to all questions from lab write-up, including brief context for question.	All questions from lab write-up are answered but some answers are incomplete or incorrect.	Missing answers to questions from lab write-up, or mostly incomplete, incorrect answers without any context for answer.	x2	
<b>Data collection</b>	All data is recorded and neatly presented, including units and appropriate number of significant figures.	Data is recorded but is not presented neatly or is sometimes missing units and appropriate significant figures.	Recorded data is not present or illegible, completely unlabeled, missing units and appropriate significant figures.	x2	
<b>Analysis</b>	Methods of analysis are described with appropriate detail. Calculations and graphs are explained and labeled appropriately. Sources of error are explained and quantified.	Data analysis methods are not explicitly recorded or described. Incomplete calculations, or incomplete graphs of data. Sources of error are included but not described or quantified in sufficient detail.	Data analysis is not included. Calculations are missing. Graphs are missing or incorrect. Sources of error are not explored.	x3	

Due date: The notebook must be turned in for grading by Wednesday at noon, the week following the completion of the experiment.

5% will be deducted for each additional day that it is late, up to a max of 50% deduction.

Wednesday, May 13 is the final deadline for all grading of lab notebooks for credit.