

Lab Report Grading Sheet for _____

Name: _____ Period: _____ Partners: _____

	Scoring Criteria	Did I do it?	Value	Points Earned / Comments
A. Define a Problem for Investigation				
Title	Describes what you want to learn. Includes IV & DV.		1	
Introduction	Why you are doing this experiment. What do you already know about the subject, so you can have a useful hypothesis. What you want to learn . How you will do it.		4	
Hypothesis	What you think will happen. Your hypothesis must offer an answer to the problem, and you must be able to test it! “If, Then, Because” Give a good reason for your guess.		6	
Variables	Correctly identify independent variable, dependent variable, and at least 3 variables which must not change (constants)		6	
B. Design and Conduct a Scientific Investigation / Experiment				
Materials	What you used. All materials and their quantities in a bulleted list. All details provided , so it can be repeated.		4	
Procedure	Designed to test your hypothesis . All steps and details are given in a numbered list. Only one variable is being tested. Allows for enough data samples. Safety precautions are identified if needed. ANYONE could repeat these exact instructions, step by step, and get the same results . A sketch shows the experimental setup. C.R.A.P.		10	
C. Data Presentation and Graph				
Data / Observations	Written observations: not just numbers, but what did you notice as you worked? (1) Data tables are neat, have title that describes data and labeled correctly. Table accurately shows results of procedure. (4) Graph style is correct for type of data with axes correctly placed. Graphs accurately present collected data, is neat, titled and labeled correctly. (4) Average of multiple trials shown. All numbers and axes are labeled and there are no “naked numbers” (1)		10	
D. Conclusions				
Conclusion	“The purpose of this experiment was to”. Repeat: Why did you do this? What was your hypothesis? Does your data (and the class average if available) support your hypothesis? Use details from the data!!		6	
Validity	Is your data reliable ? Is your procedure so clearly written that you can Repeat it consistently and get Precise measurements? Did you perform it Consistently ? Do you have the average of Accurate measurements over many trials? Was your experiment C.R.A.P. ? Why or why not? What went right and what went wrong?		6	
E. Presentation				
Notes	Handwritten data and lab notes are attached to report		3	
Presentation	Report typed (12 point double-spaced Times Roman) in correct format, proof-read (no obvious misspellings and meaningless sentences), written in 3 rd person, and printed on both sides of paper.		4	
	TOTALS		60	

