

# PHYSICS LAB REPORT RUBRIC

Student Name: \_\_\_\_\_

Class: \_\_\_\_\_

Lab Title: \_\_\_\_\_

Date: \_\_\_\_\_

Criterion	Aspects			Score
<b>Design (D)</b>	Research question is focused and relevant variables identified.  <b>2 1 0</b>	Method allows for effective control of variables and the collection of sufficient relevant data.  <b>2 1 0</b>	Sources (at least 3) are used to justify the hypothesis and support discussion of key topics.  <b>2 1 0</b>	
<b>Data Collection and Processing (DCP)</b>	Raw data (quantitative and qualitative) is recorded appropriately with units and uncertainties.  <b>2 1 0</b>	Raw data is processed correctly, with at least one full sample calculation shown.  <b>2 1 0</b>	Processed data is presented appropriately (graphs), including errors, uncertainties, best fit line, axes labels with units  <b>2 1 0</b>	
<b>Conclusion and Evaluation (CE)</b>	States a valid conclusion with justification based on a reasoned interpretation of data. Hypothesis is addressed.  <b>2 1 0</b>	Evaluates weaknesses and limitations.  <b>2 1 0</b>	Suggests realistic improvements to identified weaknesses and limitations.  <b>2 1 0</b>	
<b>Purpose/Question</b>	Purpose/question of the lab is clearly stated, concisely in your own words.  <b>1 0</b>			
<b>Hypothesis</b>	Hypothesis (if appropriate) is clearly stated with the same variables as the question, and briefly justified.  <b>1 0</b>			
<b>Questions</b>	At least 2 focused further research questions with variables and relevance explained.  <b>1 0</b>			

*2 = aspect fulfilled completely*

*1 = aspect partially fulfilled*

*0 = aspect not at all fulfilled*