

Physics Lab Report Rubric

Plan and Carry Out Investigations (S/EP 3)

	4-Exceeds Standard	3-Meets Standard	2-Partially Meets Standard	1-Does Not Meet Standard
Question		<ul style="list-style-type: none"> the question that is driving the lab work 		
Diagram		<ul style="list-style-type: none"> all major aspects of the diagram are labeled measurements are labeled on the diagram when possible a caption of the diagram is included diagram surrounded by a box 		
Action		<ul style="list-style-type: none"> the action that takes place when the lab work is done is clearly and completely described measurements that will be made are described 		
Measurements		<ul style="list-style-type: none"> a sentence that introduces the measurement table is included all necessary measurements are included in a table symbol for each measurement is included detailed description of each measurement is included unit for each measurement is included tool and/or description of how each measurement is obtained 		
Explanation		<ul style="list-style-type: none"> clearly explains the reasoning behind the process of the lab i.e. answers the question "Why will the process described answer the question posed?" all symbols are described no results 		
Quality	<ul style="list-style-type: none"> submitted on time clearly and independently written 	<ul style="list-style-type: none"> follows format proofread (spelling, grammar, etc.) all graphics have captions or titles enough detail is provided so that a peer unfamiliar with the lab work could understand your report 		

Analyze and Interpret Data (S/EP 4)

	4-Exceeds Standard	3-Meets Standard	2-Partially Meets Standard	1-Does Not Meet Standard
Collected Data		<ul style="list-style-type: none"> sentence to introduce the data table data in table corresponds directly to measurement table 		
Analysis		<ul style="list-style-type: none"> the collected data is used to answer the question posed by the lab uncertainty is used in all calculations 		
Summary		<ul style="list-style-type: none"> the lab question is repeated in bold include an answer to the question discuss how well the method used answered the question discuss an application for the lab work 		
Redesign		<ul style="list-style-type: none"> state an assumption made when doing the lab work state the impact of the assumption on the result clear explanation of how the impact was determined clear explanation of how to reduce the effect of the assumption 		
Quality	<ul style="list-style-type: none"> submitted on time clearly and independently written 	<ul style="list-style-type: none"> follows format proofread (spelling, grammar, etc.) all graphics have captions or titles enough detail is provided so that a peer unfamiliar with the lab work could understand your report 		