

Formal Lab Report- Part 1  
(32 pts)

Names:

	<b>BEGINNING (1PT)</b>	<b>DEVELOPING (2PTS)</b>	<b>ACCOMPLISHED (3PTS)</b>	<b>EXEMPLARY (4PTS)</b>	<b>SCORE</b>
<b>Title Page</b> Identifies topic in a creative manner. Well centered with names, date, and block.	Minimal compliance with several features missing. Not computer work.	Some elements missing, apparent some effort in development of title page.	Well organized and developed with all elements present. Presentation reflects mastery of technique and task.	Presentation reflects the highest level of performance.	
<b>1 Problem Statement</b> Problem statement and topic are obviously related. Statement is plainly stated and grammatically correct.	Little relevance between topic and statement. Poor grammar and/or sentence structure.	Some relevance between topic and problem statement. Grammar and sentence are acceptable.	Well stated and obviously relevant; characteristics reflect mastery of performance.	Presentation reflects the highest level of performance.	
<b>Hypothesis</b> Definitely a possible solution to the stated problem. May use inductive or deductive reasoning.	Does not appear to be a logical solution to the problem. Hypothesis does not reflect an understanding of the problem.	Well stated hypothesis descriptive of a possible solution. Weak in the direction of either deductive or inductive reasoning.	Well developed hypothesis as a possible solution and adequate understanding of deductive or inductive reasoning.	Presentation of the hypothesis reflects the highest level of performance.	
<b>Experimental Design</b> Adequately explains the experimental procedure and includes a material list.	Does not describe procedure adequately or list all materials.	Describes procedure somewhat, and lists all materials. Needs more detail.	Describes procedure well, lists all materials. High degree of mastery.	Presentation reflects the highest level of performance.	

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<b>Data Arrangement</b>	Data is not neatly arranged and does not indicate proper use of graph or spreadsheet. Graph and spreadsheet (chart) are not properly identified.	Some progress toward mastery, yet not complete in one or more key elements.	Well organized and developed with all elements present. Presentation reflects mastery of technique and task.	Presentation reflects the highest level of performance.	
<b>Analysis</b> Interpretation of data. What does the data actually report?	Little understanding of the data or ability to interpret the data.	Paragraphs indicative of some understanding of what the data is actually saying.	Well stated and developed paragraphs explaining the data and how data relates to the hypothesis.	Presentation reflects the highest level of performance.	
<b>Conclusion</b> Relates final results to hypothesis. Explains any sources of error.	Does not tie the results of the investigation to the hypothesis in a pointed fashion supported by the data. Does not include sources of error.	Some degree of mastery in relating of the data to the hypothesis and drawing a conclusion, with some indication of direction toward mastery.	Paragraphs and their content reflect a high degree of mastery of the task. Includes possible sources of error and other comments.	Arrangement and presentation reflect the highest level of performance in every respect.	
<b>Overall neatness, effort, grammar, lab procedure.</b>	Many grammatical errors, poor level of neatness, not typed, poor lab procedure.	Some with grammar. Neat and typed.	Few grammatical errors, neat, typed good lab procedure.	Presentation reflects the highest level of performance.	

Total Score: \_\_\_\_\_

Comments: