CATEGORY	100% -90%	89%-80%	79%-70%	69%-0%
Question/ Purpose	The purpose of the lab or the question to be answered during the lab is clearly identified and stated.	The purpose of the lab or the question to be answered during the lab is identified, but is stated in a somewhat unclear manner.	The purpose of the lab or the question to be answered during the lab is partially identified, and is stated in a somewhat unclear manner.	The purpose of the lab or the question to be answered during the lab is erroneous or irrelevant.
Procedures	Procedures are listed in clear steps. Each step is numbered and is a complete sentence.	Procedures are listed in a logical order, but steps are not numbered and/or are not in complete sentences.	Procedures are listed but are not in a logical order or are difficult to follow.	Procedures do not accurately list the steps of the experiment.
Data and Observations	Professional looking and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled.	Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled.	Accurate representation of the data in written form, but no graphs or tables are presented.	Data are not shown OR are inaccurate.
Drawings/ Diagrams	Clear, accurate diagrams are included and make the experiment easier to understand. Diagrams are labeled neatly and accurately.	Diagrams are included and are labeled neatly and accurately.	Diagrams are included and are labeled.	Needed diagrams are missing OR are missing important labels.
Analysis/ Calculations	All calculations are shown and the results are correct and labeled appropriately.	Some calculations are shown and the results are correct and labeled appropriately.	Some calculations are shown and the results labeled appropriately.	No calculations are shown OR results are inaccurate or mislabeled.

Error Analysis	Experimental errors, their possible effects, and ways to reduce errors are discussed. Percent error is calculated.	Experimental errors and their possible effects are discussed. Percent error is calculated.	Experimental errors are mentioned.	There is no discussion of errors.
Conclusion	Conclusion includes how the results support the lab's purpose or question and the student's confidence in the accuracy and reliability of the data and conclusion. Percentage Error is discussed in relationship with the accuracy of the data and conclusion. Accuracy and reliability are fully discussed in relationship to the lab's data,graphs and conclusion.	Conclusion includes how the results support the lab's purpose or question. Percentage error is reported with little discussion. Accuracy and reliability are discussed but not in full relationship to the lab's data and conclusion. Confidence in the accuracy and reliability are discussed but not in relationship with data,graphs and conclusions	Conclusion is discussed but has no or little relationship to the purpose or question of the lab. Percentage error is reported but not discussed. Accuracy and reliability are only briefly discussed. Confidence in the accuracy and reliability of the data and conclusion is only briefly discussed.	No conclusion was included in the report OR shows little effort and reflection about confidence in accuracy and reliabilty.percent age error is not reported nor is it discussed. Accuracy and reliability are not addressed. Confidence is not discussed.