

Student Name: _____

Lab Title: _____

Mrs. Kindoll - Chemistry

Tulpehocken HS - Lab Report Rubric

CATEGORY	4	3	2	1	0	Points
Participation	Used time well in lab and focused attention on the experiment.	Used time pretty well. Stayed focused on the experiment most of the time.	Did the lab but did not appear very interested. Focus was lost on several occasions.	Participation was minimal.	Student refused to participate OR student was hostile about participating	
Safety	Lab is carried out with full attention to relevant safety procedures. The set-up, experiment, and tear-down posed no safety threat to any individual.	Lab is generally carried out with attention to relevant safety procedures. The set-up, experiment, and tear-down posed no safety threat to any individual, but one safety procedure needs to be reviewed.	Lab is carried out with some attention to relevant safety procedures. The set-up, experiment, and tear-down posed no safety threat to any individual, but several safety procedures need to be reviewed.	Lab is carried out with little to no attention to relevant safety procedures. The set-up, experiment, and tear-down posed no safety threat to any individual, but several safety procedures need to be reviewed.	Safety procedures were ignored and/or some aspect of the experiment posed a threat to the safety of the student or others.	
Data	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 graphs or tables are incomplete or lack labels.	Accurate representation of the data in some form, but no graphs or tables are presented. Some data is not correct.	Data are not shown OR are inaccurate.	
Components of the report	All required elements are present and additional elements that add to the report (e.g., thoughtful comments, graphics) have been added.	All required elements are present.	One required element is missing, but additional elements that add to the report (e.g., thoughtful comments, graphics) have been added.	One or more required element is missing, and no additional elements that add to the report (e.g., thoughtful comments, graphics) have been added.	Several required elements are missing.	

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Spelling, Punctuation and Grammar			One or fewer errors in spelling, punctuation and grammar in the report.	Two or more than errors in spelling, punctuation and grammar in the report.	Five or more than errors in spelling, punctuation and grammar in the report.	
Calculations/ Results	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/results are shown and the results are labeled appropriately.	Few calculations/results are shown OR results are inaccurate or mislabeled.	No calculations or results are shown.	
Scientific Concepts	Report illustrates an accurate and thorough understanding of scientific concepts underlying the lab.	Report illustrates an accurate understanding of most scientific concepts underlying the lab.	Report illustrates a limited understanding of scientific concepts underlying the lab.	Report illustrates inaccurate understanding of scientific concepts underlying the lab.	Report lacks any attempt to understand scientific concepts underlying the lab.	
Error Analysis	Experimental errors, their possible effects, and ways to reduce errors are discussed in detail.	Experimental errors, their possible effects, and ways to reduce errors are discussed	Experimental errors and their possible effects or ways to reduce errors are discussed.	Experimental errors are mentioned.	There is no discussion of errors.	
Total (out of 30)						

Updated 8/17/08

Teacher Comments: