	Far Below Expectations – 0 points	Below Expectations – 5 points	Meets or Exceeds Expectations – 10 points
1. Neatness and Organization	The lab report fails to meet two or more of the expectations for neatness and organization.	The lab report fails to meet one of the expectations for neatness and organization.	1. The lab is legibly written in black pen. 2. The lab sections are in correct order. 3. Pages have not been torn from the lab book. 4. Mistakes are "lined through" rather than covered with white-out. 5. No more than three spelling/grammatical errors 6. The Table of Contents is updated.
2. Title and Date	The lab report fails to meet both of the expectations for Title and Date.	The lab report fails to meet one of the two expectations for Title and Date.	1. Title is present and is descriptive of the lab. 2. Date is recorded and accurate.
3. Introduction	Introduction is missing, or is only loosely related to the lab being performed.	The Introduction addresses the procedural aspects of the lab, but does not accurately summarize the theoretical foundation of the experiment.	Introduction accurately describes the theory that is intended to be reinforced by performing the lab.
4. Materials	List of chemicals/equipment is missing, incomplete, or includes extraneous or incorrect chemicals and equipment used to perform experiment.	Includes a neat list of chemicals by formula and equipment needed to perform the experiment.	Includes a well-organized list of chemicals with formulas and names, with amounts and/or concentrations, safety concerns, and equipment used in experiment, and a sketch of the apparatus.
5. Procedure	Procedure is missing altogether, or missing important steps.	Procedure is a mostly copied directly from the lab description, with little attempt at brevity.	Procedure is a brief summary of each of the steps taken in completing the lab. It is NOT an exhaustive description containing minute detail.
6. Data	The student has recorded data after completion of the lab, or fails to meet BOTH expectations 2 and 3 of the Data section.	The lab report fails to meet either expectation 2 or 3 of the Data section.	1. Data is recorded directly into the lab book during experimentation. 2. Data is neatly organized (in tables if appropriate), and is easy to interpret. 3. All data is correct with regard to significant figures and labels.
7. Calculations and Graphs	The student makes more than 5 errors in graphing, labeling, calculations, and significant figures or omits entire graphs or sets of calculations.	The student makes 3 to 5 errors in graphing, labeling, calculations, and significant figures.	The student makes no more than 2 errors in graphing, labeling, calculations, and significant figures.
8. Conclusion	Conclusion is missing, or is in conflict with the student's experimental results.	Conclusion is present, and does not conflict with the student's experimental findings, but fails to address the theoretical basis for the lab.	The Conclusion succinctly describes what can be concluded from the experimental results. It is aligned with a well-written statement of Introduction at the beginning of the lab.
9. Conclusion - Error Analysis	The report fails to meet 2 (or all 3) of the expectations for error analysis.	The report fails to meet 1 of the expectations for error analysis.	1. Relative error, if appropriate, has been calculated. 2. Specific sources of experimental error are addressed. 3. Write-up analyzes the effect of errors on the magnitude of calculated quantities.
10. Questions	Post-lab questions contain more than 3 errors, or some answers have been omitted.	Post-lab questions contain 2 to 3 errors.	Post-lab questions contain no more than one error in total.

Student Name _____

Lab _____ Grade _____