

Lab Grading Rubric

	Far Below Expectations Or Missing	Below Expectations	Meets Expectations
Organization	The lab report fails to meet more than one of the expectations for this section. <i>Points earned = 0</i>	The lab report fails to meet one of the three expectations for this section. <i>Points earned = 1</i>	1. Title, Date, Period, and Student name (first and last) is present, including the names of the members of the lab group. 2. The lab sections are in correct order. <i>Points earned = 2</i>
Abstract - Background	The background statement is missing, or fails to identify the phenomenon being investigated or the question being asked about the phenomenon. <i>Points earned = 0</i>		The background statement identifies a phenomenon that will be investigated, and the student's question about that phenomenon. <i>Points earned = 1</i>
Abstract – Claim	The claim is missing. <i>Points earned = 0</i>	The claim proposed IS NOT the focus of the investigation. <i>Points earned = 1</i>	The claim proposed IS the focus of the investigation. <i>Points earned = 2</i>
Abstract – Methods	The methods contain too much detail OR the methods are missing. <i>Points earned = 0</i>		The methods constitute a BRIEF statement of essential techniques used to complete the investigation. <i>Points earned = 1</i>
Abstract – Evidence	The section is missing, OR the student merely cites evidence without connecting it their claim. <i>Points earned = 0</i>	The student draws an incorrect conclusion from their evidence regarding its ability to support or refute their claim. <i>Points earned = 2</i>	The student correctly identifies evidence from the investigation that supports or refutes their claim. <i>Points earned = 3</i>
Abstract – Reasoning	Two or more of the expectations for this section have not been correctly addressed. <i>Points earned = 0</i>	The student fails to correctly address one of the expectations of the Reasoning section of the abstract. <i>Points earned = 2</i>	1. Student identifies how the evidence supports or refutes their claim and how your claim may need to be modified in light of the evidence. 2. Student identifies uncontrolled variables that might be used to question the reliability of their conclusion. 3. Students suggest modifications to the methods that would address questions of experimental reliability. <i>Points earned = 3</i>
3. Procedure	Procedure is a mostly copied directly from the lab description, with little attempt at brevity or the procedure is missing <i>Points earned = 0</i>	Procedure represents a summary of the written procedure in the lab document, but it omits important details that would be necessary to successfully repeat the lab. <i>Points earned = 1</i>	Procedure is a brief summary of each of the critical steps taken in completing the lab. It is NOT an exhaustive description containing minute detail. <i>Points earned = 2</i>
4. Evidence	The Evidence fails to meet two or more of the expectations for this section OR Evidence section is missing <i>Points earned = 0</i>	The Evidence fails to meet one of the three expectations for this section <i>Points earned = 4</i>	1. ALL data and observations are neatly organized (in tables and graphs where appropriate), are easy to interpret, and are correctly labeled, including axes of graphs. 2. Required calculations have been performed correctly. 3. At least one complete calculation must be shown for each type of calculation utilized. <i>Points earned = 6</i>