

 **Learning Target:** I can write a complete lab report conclusion.

Report Card Grading Domain: **SCI.1:** Data Analysis & Computational Thinking **SCI.3:** Evidence-Based Explanation/Argumentation **SCI.5:** Planning & Carrying Out Investigations

	Beginning	Approaching	Proficient	Mastery
SC5. Purpose of the Lab	I can identify the investigative question.	I can say why I did the experiment.	I can use <i>science</i> vocabulary to generally describe the purpose of my experiment.	I can use <i>appropriate science</i> vocabulary to describe the purpose of my experiment and make some connections to <i>current science topics/concepts</i> .
SC5. Hypothesis	I can restate my hypothesis using an “If, then” statement.	I can restate my hypothesis using an “If, then” statement AND explain if it is supported or rejected.	I can restate my hypothesis using an “If, then” statement AND explain if it is supported or rejected <i>by using evidence/data from the experiment</i> .	I can restate my hypothesis using an “If, then, <i>because</i> ” statement AND explain if it is supported or rejected by using evidence/data from this experiment..
SC1. Data Analysis	I can collect data AND identify similarities and differences in my findings.	I can collect data AND interpret the data to make sense of phenomena.	I can collect, <i>analyze, and interpret data to determine similarities and differences in findings to explain phenomena</i> .	I can collect, analyze, and interpret data to determine similarities and differences in findings to explain phenomena AND <i>compare and contrast various types of data sets to examine consistency of measurements and observations</i> .
SC3. Scientific Explanation of Results	I can construct an explanation of my results based on evidence/observed data from the experiment.	I can construct a <i>scientific</i> explanation of my results based on evidence/observed data from the experiment.	I can construct a scientific explanation of my results based on <i>valid and reliable evidence from the experiment and class</i> .	I can construct a scientific explanation of my results based on valid and reliable evidence from <i>outside sources</i> .
SC5. Sources of error & Alternative Experiment	I can identify problems in my data.	I can identify AND explain a potential source of error in my data.	I can identify <i>2 sources of error</i> in my data AND explain how it could have affected my data AND suggest an alternative experiment./ method of data collection.	I can identify <i>3 or more sources of error</i> in my data AND explain how it could have affected my results and suggest <i>2 or more alternative experiments/ methods of data collection that improve precision and accuracy of data</i> .
Comments:	Overall Score SC1: Beginning Proficient Approaching Mastery		Overall Score SC3: Beginning Proficient Approaching Mastery	Overall Score SC5: Beginning Proficient Approaching Mastery

