CLAIM (2 points)　　　**EVIDENCE** (40 points)　　　**REASONING**(8 points)　　　**/50**

| MUST BE TYPED! | | | |

CLAIM A declarative sentence that answers the original goal/purpose of lab.	**1 point** Claim is vague or inaccurate.	**2 points** Claim is accurate and complete. Claim relates to lab evidence

MATERIALS & METHODS	**3 points**	**5 points**	**7 points**	**10 points**
Lists steps of procedure	Minimal and unclear description of steps of procedure.	Partial description of steps of procedure.	Describes most steps of procedure. Missing details about equipment and units used.	Clear and accurate description of all steps of procedure. Includes equipment and units used to collect data.

DATA TABLE(S)	**3 points**	**5 points**	**7 points**	**10 points**
Electronically made data table(s) organizes measurements and observations made during the lab.	Missing title, missing column labels, missing units. Partial data, or inaccurate data	Missing title, missing column labels, missing units. Includes all information and some inaccuracies.	Missing title, missing column labels, missing units. Includes all information and is accurate.	Includes title and number, column headings, and units. Includes all information and is accurate

GRAPH (S)	**3 points**	**5 points**	**7 points**	**10 points**

Types of graphs:
 Pie: parts of a whole, be sure to label % on graph
 Bar/Column: shows comparison, be sure to label x & y axis
 Scatter plot:
   - connecting the dots line shows variability like stock market
   -best fit line shows **averages**
   - **MUST INCLUDE SLOPE ON best fit LINE GRAPHS**
	Missing labels on graph. Graph doesn't reflect data.	Missing labels on graph incorrectly plots data	Missing labels on graph Correctly plots data. Appropriate type of graph.	Electronically made Includes title in y v. x format, labels x & y axis correctly. Correctly plots data. Appropriate type of graph.

CALCULATIONS	**3 points**	**5 points**	**7 points**	**10 points**
	Missing formulas, missing units, minimal work, all calculations incorrect	Missing formulas, missing units, shows some work, several errors with calculations.	Missing formulas, missing units, shows all work, few errors with calculations.	Lists all formulas, shows work for all calculations. Calculations are accurate. Includes units.

REASONING	**4 points**	**6 points**	**8 points**
Conclusive sentences analyzing data and graphs. *Hint:* Write without pronouns. (This is about the lab not you and your partners)	Minimal analysis student learned/understood learning target	Describes trends & patterns with data. Is clear student learned/understood learning target	Describes trends & patterns with data. Explain how data and graph support/prove claim. References data or graph with specific examples. Uses new/required vocabulary. Is clear student learned/understood learning target

EXTRA CREDIT:
+ 1 PONT FOR RESEARCHED BACKGROUND INFO RELATED TO LAB (include source)
 +1 POINT FOR PICTURE RELATED TO LAB