

Name: _____

Date: _____

Lab Partners' Names: _____

Lab Title: _____

Lab Report Grading Rubric

Lab Section	Possible Pts.	Self Assess.	Pts. Earned	Comments/Expectations
Title	0.5			<ul style="list-style-type: none"> ○ The Effect of _____ on _____
Background information	1.5			<ul style="list-style-type: none"> ○ Introduces the real-life problem that relates to the experiment ○ Introduces the scientific topics related to the lab ○ Identifies what specifically is being tested
Question	0.5			What is the effect of _____ on _____?
Hypothesis	1			<ul style="list-style-type: none"> ○ Uses correct format: "If-then-because" ○ Is based on research into scientific principles related to experiment ○ Uses independent and dependent variables correctly
Independent variable	0.5			<ul style="list-style-type: none"> ○ Also known as the Manipulated Variable
Dependent variable	0.5			<ul style="list-style-type: none"> ○ Also known as the Responding Variable
Constants	0.5			<ul style="list-style-type: none"> ○ Three constants that are relevant and specific.
Materials list	1			<ul style="list-style-type: none"> ○ List is bulleted and complete ○ Includes specific quantities
Procedures	1			<ul style="list-style-type: none"> ○ List is numbered and in correct order ○ Steps include use of all materials ○ Steps include specific quantities ○ Steps include method of data collection
Data Table	1.5			<ul style="list-style-type: none"> ○ Column and row headings are specific ○ Column headings include units ○ Units are not repeated in data cells ○ Data accurately describes results
Graph	2.5			<ul style="list-style-type: none"> ○ Appropriate type of graph ○ Appropriate title ○ Axes are labeled and include units ○ Represents data accurately and completely
Conclusion	4			<ul style="list-style-type: none"> ○ Restates original problem/question being tested ○ Proposes answer to problem/question (the "claim") ○ Supports claim with evidence (Includes examples from data analysis)(2 points) ○ Explains scientific principles and how they relate to experimental results (2 pts) ○ Identifies and evaluates possible sources of error in method of data collection ○ Proposes future experiment(s) that would help investigate original problem/question further
Total	15			

The fine print: Lab reports should be typed in 12 point Times New Roman, double spaced.

Every lab report needs to have a completed self assessment attached to the back of the report.