

Lab Report Rubric

Name: _____

Score: _____

Title: _____

	4 points - Excellent	3 points - Good	2 points - Needs Work	1 point – Lacks effort
Introduction	<ul style="list-style-type: none"> *Title is relevant. *Includes question to be investigated *Background info tells about relevant concepts *Hypothesis is logical, in format if/then/because.... *Independent and dependent variables are correctly identified 	Four of the “excellent” conditions are met	Three of the “excellent” conditions are met	Student does not show understanding of the concepts explored by the lab.
Methods	<ul style="list-style-type: none"> *All materials listed. *Step-by-step process is detailed and could be followed exactly by another scientist. 	<ul style="list-style-type: none"> *Materials listed. *Detailed process, but some steps are left unclear. 	Lots of information missing.	Difficult to follow.
Data	<ul style="list-style-type: none"> *Data table is clearly organized *Table title is in the format “DV vs. IV” and columns are labelled correctly. *Graph style is appropriate and shows trends *Graph Title is in the format “DV vs. IV”, axis labels and units are included. 	Three “excellent” conditions are met.	Two “excellent” conditions are met.	No graphs or tables, data is unorganized.
Conclusions	<ul style="list-style-type: none"> *Summarizes data *Hypothesis is accepted or rejected based on the data *Conclusions logically follow data and connect to the concepts being taught *Connects to real world applications 	Three “excellent” conditions are met	Two “excellent” conditions are met	One “excellent” condition is met
Format and Lab Protocols	All directions followed for lab format, directions, safety, and cleanup.	Did not follow lab report format or minor errors in lab procedures.	Major errors in lab procedures.	Did not follow safety protocols or left a mess.