Independent Investigation Rubric

Name

Category/Value	Excellent	Good	Fair	Needs Improvement
Question/ Purpose x 1 = pts	The purpose of the lab or the question to be answered during the lab is clearly identified and stated.	The purpose of the lab or the question to be answered during the lab is identified, but is stated in a somewhat	The purpose of the lab or the question to be answered during the lab is partially identified, and is stated in an	The purpose of the lab or the question to be answered during the lab is erroneous or irrelevant.
P.55	4	unclear manner. 3	unclear manner.	1 0
Procedures x 2 = pts	Procedures are listed in a logical order. Each step is numbered and is a complete sentence.	Procedures are listed in a logical order, but steps are not numbered and/or are not in complete sentences.	Procedures are listed but are not in a logical order or are difficult to follow.	Procedures do not accurately list the steps of the experiment.
	4	3	2	1 0
Data x 1 = pts	Accurate representation of the data in tables and/or graphs. Charts, graphs and tables are labeled and titled.	Fair representation of the data in tables and/or graphs. Charts, graphs and tables lack labels and/or titles.	Provides representation of the data in written form, but no charts, graphs, or tables are presented.	Data are not shown OR are inaccurate.
	4	3	2	1 0
Conclusion/ Analysis x 2 = pts	Conclusion includes whether the findings supported the hypothesis, possible sources of error, and what was learned from the experiment.	Conclusion includes whether the findings supported the hypothesis and what was learned from the experiment.	Conclusion includes what was learned from the experiment.	No conclusion was included in the report OR shows little effort and reflection.
	4	3	2	1 0
Participation x 1 = pts	Used time well in lab and focused attention on the experiment.	Used time well and stayed focused on the experiment most of the time.	Did the lab but did not appear very interested. Focus was lost on several occasions.	Participation was minimal or none.
	4	3	2	1 0

Points Possible = 28 Points Earned = _____ % A B C D F