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

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