

GRADING RUBRIC

SECTION	DETAILS	PTS
Beginning Question(s)	<p><i>What question(s) did I have? What question(s) did the class group decide to use?</i></p> <ul style="list-style-type: none"> The student provided her own relevant beginning question(s) as well as the beginning question(s) selected by his/her group or the class. 	/5
Hypothesis	<p><i>Student clearly relates the beginning questions to what will be investigated in the lab/activity.</i></p>	/5
Safety Considerations	<p><i>What general point(s) can I make about staying safe in this experiment?</i></p> <ul style="list-style-type: none"> The student provided both a relevant general safety statement as well as a more specific concern about a particular substance or procedure. 	/5
Test	<p><i>Student outlines helpful hints/suggestions while in the lab/experiment</i></p>	/5
Data, Observations, Calculations, and Graphs	<p><i>What qualitative observations did I make? What quantitative data have I collected, and what calculations did I do to make sense of my data? Did I get my data stamped to ensure that I collected data directly in my lab notebook? What balanced equations have I written? Have I prepared a graph that TALKS?</i></p>	/20
Claim(s)/Evidence	<p><i>What can I claim to answer my beginning question(s) or the class beginning question(s)? (one-two statements)</i></p> <ul style="list-style-type: none"> The student provided his/her own relevant claim to answer either his/her own or the class beginning question(s). (10pts) Student provide quantitative data to support claim (10pts) 	/20
Reading & Reflection	<p>The student stated related his/her information or claim to an internal sources (how their data relates to classmates) (10pts) The student used outside sources (websites, papers, journals) to support his/her ideas AND cited the reference (10pts) The student answered one of the following questions? (10pts)</p> <ul style="list-style-type: none"> What did you learn about this concept? How can you connect this learning to something outside of the classroom? Are there any new questions you have about the concept? Your thoughts after the experiment (Understandings, Related Thinking, Connections) After conducting this experiment it is How has your thinking changed based on internal and external sources? <p>The student cited sources of error within the experiment (10pts)</p>	/40

/100