**HYPOTHESIS (3 pts)**

\_\_\_\_\_\_Refers back to prediction/hypotheses

\_\_\_\_\_\_Uses “If, then, because” format

\_\_\_\_\_\_Reasoning behind the “because” is logical & sound

**REFLECTION (1 pt)**

\_\_\_\_\_\_ States whether data support or fail to support hypothesis

**SUMMARY OF DATA (6 pts)**

\_\_\_\_\_\_ Important trends in the data are summarized

\_\_\_\_\_\_ Specific data examples are used to justify summary of data

**EXPLANATION OF DATA (6 pts)**

\_\_\_\_\_\_ Trends in data are explained using concepts covered in class

\_\_\_\_\_\_ Student(s) demonstrates how the lab connects with the content

**ERROR ANALYSIS (4 pts)**

\_\_\_\_\_\_ At least one source of error that could have impacted the results of the experiment is listed

\_\_\_\_\_\_ An explanation is given for how the source of error may have altered the data

\_\_\_\_\_\_ At least one improvement to the experimental design is suggested that corrects the above error

\_\_\_\_\_\_ A prediction is given for how this improvement could alter the data

**FUTURE RESEARCH (2 points)**

\_\_\_\_\_\_ Proposed future research is related to current experiment

\_\_\_\_\_\_ Proposed future research extends the scope of the current experiment

**GRAMMER, SPELLING, & PRONOUNS (3 pts)**

\_\_\_\_\_\_ Grammar relatively error free

\_\_\_\_\_\_ Spelling relatively error free

\_\_\_\_\_\_ No personal pronouns used throughout