

Grading Rubric

Criteria & Rating	4	3	2	1
Purpose	Identified the purpose of the project clearly and concisely.	Identified the purpose of the project clearly.	Identified the purpose of the project.	Did not identify purpose.
Hypothesis	Clearly stated hypothesis including both variables and how they would change.	Clearly stated hypothesis including both variables.	Clearly stated hypothesis.	Vague or no hypothesis.
Description of Procedure	Clearly and concisely outlined the procedure for creating their control and experimental samples. Emphasized the difference between samples.	Clearly and concisely outlined the procedure for creating their samples.	Clearly outlined the procedures for creating samples.	Did not outline the procedures for creating samples.
Data Collection	A clear and concise description of how they gathered/collected their quantitative data using the testing apparatus and light probe. Emphasized what variables they need to keep constant.	A clear and concise description of how they gathered/collected their quantitative data using the testing apparatus and light probe.	A clear description of how they gathered/collected their quantitative data using the testing apparatus and light probe.	A short description of how they gathered/ collected their quantitative data.
Results	Constructed a clear and complete data table with labels and units. Clearly stated a concise conclusion of their results using their data table.	Constructed a clear and complete data table with labels. Clearly stated a conclusion of their results using their data table.	Constructed a complete data table. Stated a conclusion of their results using their data table.	Missing or incomplete data table and conclusion.
Participation	Everyone in the group participated in the presentation.			
Answered Questions	Everyone participated in answering questions	Half the group participated in answering questions	One person in the group answered all the questions	
Total				