

Scoring Rubric - Experiment

Project Title: _____

Grade: _____

Student Names: _____

	1	3	5	Score
Question Hypothesis and Variables	Question/Problem is not clear Hypothesis/Prediction is not present or doesn't address the question at all - Variable(s) are not included	Question/Problem is somewhat clear Hypothesis/Prediction somewhat addresses the question Some variable(s) are included but are not complete or are not clearly identified	Question/Problem is specific and very clear and can be answered by doing an experiment Hypothesis/Prediction addresses the question very clearly . Independent, Dependent and Controlled variable(s) are included and are clearly identified	
Preliminary Research	Cites only one source. The description of research is incomplete or has little to no connection to the problem.	Cites multiple sources. Limited research that the students generally connect the research to their problem.	Cites multiple sources. Extensive research that the student very clearly connects the research to their problem.	
Experimental Procedure	Materials list is not detailed and complete and clear Experimental procedure is not clear -Includes no repetitions	Materials list is somewhat detailed and complete and clear Experimental procedure is clear - includes only 2 repetitions	Materials list is very detailed and complete and clear Experimental procedure is very clear - Includes at least 3 repetitions	
Data	Data is not clear Poor or No use of photos/charts/graphs to display data.	Data is somewhat clear Good use of photos/ charts/graphs to display data	Data is very clear Excellent use of photos/ charts/graphs to display data	
Conclusions	Conclusions are not supported by the data. No application of use offered.	Conclusions are not clearly supported by the data. Weak application given.	Conclusions are clearly supported by the data Strong application given.	
Visual quality of display	Project has limited eye appeal and is not easily readable. The project has limited organization, contained confusing visuals, or contained major language or spelling errors.	Project is appealing and readable. It is organized and clear, uses understandable visuals, and contains few language and spelling errors.	Project is appealing, neat and readable. It well organized and clear, makes striking use of inventive or amusing visuals, and uses language and spelling flawlessly.	
Student Involvement	Display shows a low amount or no involvement by the students in the procedure.	Display shows a medium amount of involvement by the students in the procedure.	Display shows a high amount of involvement by the students in the procedure.	
Interview	Articulates little knowledge about all parts of their project. Unable to explain and answer questions about everything that is included in their display.	Articulates moderate knowledge about all parts of their project. Partially explains and answers questions about everything that is included in their display.	Articulates significant knowledge about all parts of their project. Completely and correctly explains and answers questions about everything that is included in their display.	

Project Score: