

APSci Science Experiment Display Board Scoring Sheet

Project Title: _____

Project Elements	Points Possible	Score
Presentation: <ul style="list-style-type: none"> - Board has a title, subtitles, distinct sections, balanced layout. - Neatness and readability (font size, legible handwriting or font) - Correct spelling and grammar - Use of visuals: tables, graphs, photos, materials from experiment 	50	
Photos show materials, set up, execution, and results of experiment	50	
Experiment binder is on the table in front of the board, Binder has title, name, date, research rpt., lab rpt., data tables & graphs, and data log. (Clean prints of student-corrected reports are in binder)	50	
Oral Report: clear speech, makes eye contact, explains purpose of experiment & what you learned, answers questions from audience	50	
Sections on the board:		
Purpose for the experiment is clearly stated; experiment topic references a cause and effect relationship and a measureable change.	15	
Background research is diverse, with multiple sources and complete citations. (Written section on display board doesn't need citations. Report in experiment binder on the table in front of the board must be a clean printed copy with sources & citations.)	15	
Hypothesis references variables and background research, and explains reasoning.	15	
Materials list is complete with specific kinds and sizes if necessary.	15	
Procedure describes the investigation clearly. (May be summarized if specific procedure is too long for the board, complete procedure will be in binder).	25	
Data & Results: (graphs, tables, written descriptions) <ul style="list-style-type: none"> - Quantitative data: graphs & tables have titles and axis labels, use numbers, standard units, scale indicated on graph axes - Qualitative Data: tables or sentences with descriptions of data - Data Analysis: sentences describe patterns found in data 	60	
Conclusion summarizes what happened and reasons why, mentions specific data to support conclusions, explains possible sources of error, and includes ideas for further efforts.	40	
Acknowledgements: A mention of those who helped with the project	15	
Total Score: (weight of 4 assignments)	400	

Student Name: _____

Date: _____