

SCIENCE EXPO JUDGING RUBRIC

Criteria	5	4	3	2-1	0	Total
Originality of Questions	Original research; unique question	Originality of approach, handling of materials, or ingenious use of materials	Unique perspective on a traditional project	Embellish an existing idea	No originality	
Hypothesis	Thoroughly developed: "I think --- because ---"	Sufficiently developed	Partially developed	Major flaws	Absent	
Procedure/ Organization	Easy to follow sequence of the *Scientific Method. Sequence captures and exhibits all observations, data collection, and changes to the project. Discloses whether a control was used or not.	Easy to follow sequence of the Scientific Method. Sequence captures and exhibits observations, data collections, and changes to the project in moderate detail.	Somewhat difficult to follow because of lapses in the Scientific Method. Minimal documentation of observation and data collections.	Difficult to follow due to lapses in the Scientific Method.	No sequence of the Scientific Method; little to no observations or data collection shown.	
Investigation Trials	Experiment was performed 3 or more times and/or sample size was exceptional.	Experiment was performed 2 or more times and/or sample size was adequate.	Experiment was performed 2 times and/or sample size was adequate.	Experiment was performed incompletely or inadequately.	No experimentation done.	
Analysis	Data is clearly presented and directly relates to hypothesis/ question.	Data is reasonably presented and shows good relationship to hypothesis/ question.	Data is minimally presented and shows some relationship to hypothesis/ question.	Data is presented by there is no relationship to hypothesis/ question.	No data presented.	
Evaluation/ Conclusion	A logical conclusion has been drawn from the data collected and answers the hypothesis/ question. Has a real-world application.	A logical conclusion has been drawn from the data collected.	A fairly reasonable conclusion has been drawn from the data collected.	The conclusion drawn is not shown to relate to the data collected.	No conclusion presented.	
Presentation	Data well organized, clear/accurate use of the text/charts/graphs; no typos.	Data organization clear, good use of text/charts/graphs; few or no typos.	Average organization of the data and use of text/charts/graphs; few to no typos.	Poor organization of data, and/or text/graphs/charts; and/or numerous typos.	No clearly presented data, numerous typos.	
						SCORE /35
Feedback/ Comments						

***Scientific Method:** question, hypothesis, investigation/testing, analysis, and evaluation/conclusion