

Kennedy Primary Academy - Science Fair Judging Rubric (Experimental)



Student Name		Grade:	
Project Title:		Project #	
Judge's Name		Score	/ 45

	Question		Hypothesis		Purpose		Materials		Procedure		Data		Results		Conclusion		Abstract		Score
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Area of Assessment	<u>Advanced Level</u> 4	<u>Proficient Level</u> 3	<u>Competent</u> 2	<u>Developing</u> 1	Score
Purpose	There is a definite purpose benefit for society timely and relevant offer solutions to real problems	The project has a purpose benefit for society	The purpose that benefit is vague.	There is no real world problem solving connection made.	
Testable Question	Sophisticated question can be answered through comprehensive scientific method.	Question can be answered with student's application of scientific method	Partially developed does not address variables	The question is too broad to lend itself to investigation with scientific method. It is better suited for a research report or it is a demonstration.	
Hypothesis	Thoroughly developed with "I think.... because..."	Sufficiently developed	Partially developed.	Major flaws.	
Materials	Complete list that details how others could replicate the results with exact measurements in metric units	Complete list.	Partial list or does not use metric units	Incomplete list unable to replicate project as written.	
Procedure	easy-to-follow sequence of the scientific method language is clear and correct	Easy to follow the sequence of the scientific method. Some language errors.	Somewhat difficult to follow because of lapses of a sequence of scientific method	Difficult to follow the sequence of the scientific method	
Results	Data is clearly presented and directly relates to the hypothesis/ question.	Data is reasonably presented and shows good relationship to hypothesis/question.	Data is minimally presented and shows some relationship to the hypothesis/ question	Data is not presented in/no relationship to hypothesis question is evident.	
Conclusion	A logical conclusion that has been drawn from the data collected, and answers the hypothesis question and or raises a new hypothesis question. Has real world application.	A logical conclusion that's 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	
Scientific Method 1. Question & Purpose 2. Hypothesis 3. Materials 4. Procedure 5. Results 6. Conclusion	Use a scientific method uses variables in can make use of the comparison data apply information to previous knowledge and can make predictions.	Use the scientific method in a skillful manner control variables.	Adequately addresses scientific method examples a weakness with controlling variable	Minimally addresses the scientific method, may leave out of stuff. Does not control any variables.	
Display Board	Meets all proficiency level criteria. In addition so special use of appropriate technology or special artistic talents	Project is visually appealing labeled organized neat colorful concise easy to see from a distance that contains major information and supporting detail	The project is visually appealing, but lacks consistency in at least one area mentioned at the professional level	Project is complete by lacks inconsistency in several areas mentioned that the proficiency level.	

Should this student represent Kennedy at Notre Dame's Regional Fair? **Definitely** **Yes** **Yes with reservation** **No**

Judge's Additional Comments: