


## Trailside Science - Engineering Fair Rubric 3rd Grade

Scientist: \_\_\_\_\_ Grade: \_\_\_\_\_ Judge: \_\_\_\_\_

Criteria	Excellent	Good	Developing	Comments
Question	Original Research and Idea	Unique perspective on a traditional project	Tried and true experiment	
Hypothesis	Thoroughly developed with "I think...because.."	Sufficiently developed	Not yet or partially developed	
Procedures and Organization	Easy to follow sequence of the Scientific Method. Good log/ journal. Includes observations, data collection and changes to project.	Easy to follow sequence of Scientific Method and/or has few lapses in sequence	More difficult to follow the sequence of scientific method. Had to rely more on the oral presentation than able to follow on display board.	
Investigation Trials	Experiment was performed more than 2 times or sample size great.	Experiment was performed 2 times and/or sample size was adequate	Experiment was performed 1 time or incompletely	
Analysis or Results	Data is clearly presented and directly relates to hypothesis/question	Data is mostly presented and shows some relationship to hypothesis/question	Data not presented or is incomplete	
Evaluation and Conclusion	Logical conclusion has been drawn from the data collected and answers the hypothesis/question and/or raises a new hypothesis/question	Reasonable conclusion has been drawn from the data collected	Conclusion drawn doesn't relate to the data collected	
Judge's Comments			Thank you for participating in the Science Fair! Science rocks and your efforts are awesome!	

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