

SCIENCE FAIR RUBRIC

	4	3	2	1
Topic - Question	A simple experiment is designed to answer a grade-appropriate question with an unknown answer . Topic is researched and well-understood , as demonstrated by a strong hypothesis and conclusion.	A simple experiment is designed to answer a grade-appropriate question with an unknown answer . Basic research of the topic shown by a reasonable hypothesis and conclusion.	Project question only partly related to experiment. Answer to question may be commonly known . Little research of the topic, which may be shown by a random hypothesis or conclusion.	No essential question, or question not related to experiment . Little understanding of topic shown.
Scientific Method	Scientific method is demonstrated in project organization and design. Experiment is valid and repeatable .	Scientific method is demonstrated in project organization, with only a few, minor errors in experimental design	Loosely organized project relates to but does not demonstrate scientific method . Experiment not valid or repeatable.	Project disorganized, or missing components. May not be experimental .
Data & Evidence	Objective, measurable data is accurately collected during experiment. Multiple trials. Data supports conclusion, and is displayed in original form, as well as in a graph.	Objective, measurable data is accurately collected during experiment. Multiple trials. Data supports conclusion, and is displayed on one or more graphs	Data may be subjective, and may not support conclusion. Collection may be haphazard. No graphic presentation of data.	Conclusion is not supported by experimental data, or no evidence of data collection provided.
Display Board & Presentation	Experiment is presented neatly and attractively. Provides an understanding of why and how the experiment was done, as well as the results. The entire board is readable from a distance of at least 5'. Technology used for the text, tables, and graphs(gr. 4-6) Presentation may include actual experimental material. RUBRIC & PROPOSAL POSTED ON BACK	Experiment is presented neatly giving the reader an understanding of why and how the experiment was done, as well as the results. The entire board is readable from a distance of at least 5'. Technology used for the text, tables, or graphs	Experiment is not presented neatly making it hard to understand why or how the experiment was done, or what the results were. The entire board may not be readable from a distance. Technology not used for the text, tables, or graphs	Board is disorganized or hard to read. Errors in grammar, spelling, and missing sections. No evidence of technology use.
Timeliness	Proposal & project due dates met	Proposal & project due dates met (March-5&15)	Project due date met, proposal late(3 /5)	Project & proposal late