

Criteria for Judging

Criteria	Beginning (1)	Progressing (2)	Mastered (3)	Above (4)
Project Purpose	The project does not ask a question or state a need.	The project asks a question or states a need. However the design does not follow the question	The project asks a question or states a need. The project design ties in clearly with the question/need	The project asks an original or creative question or states a creative need/problem
Project Design	The project is missing two or more steps or does not follow the scientific or design process	The project is missing a step of the scientific or design process or the steps are lacking depth	The project follows the scientific/design process. Each step is clearly defined.	The project follows the scientific/design process. Each step show a depth of understanding such as controlling variables
Project Execution	The project does not follow the design process. There is little evidence of testing and documentation	The project is executed following the scientific/design process. However, there is only evidence of one trial of testing and/or poor documentation of results	The project is executed following the scientific/design process. There is evidence of more than one trial of testing. Documentation of trial results is present	The project is executed following the scientific/design process. There is evidence of more than one trial of testing. The student demonstrates good use of variable control
Project Analysis	The student is not able to analyze or discuss his results and their implications	The student is able to discuss the results, but struggles to draw conclusions	The student is able to discuss results and is able to relate them to the projects' purpose. The student discusses changes he/she would make.	The student is able to discuss results and is able to relate them to the projects' purpose. The student discusses changes he/she would make. The student gives a real world application to his findings
Presentation	The student is not able to discuss the project following the scientific or design process.	The student is able to discuss the project by reading off his visuals. Answers to further questions are vague and lack depth.	The student is able to discuss each step of the progress without reliance on visuals. The student is able to answer questions about his project with complete answers.	The student is able to discuss each step of the progress without reliance on visuals. Answers to further questions are complete and show depth of understanding.