



Judges Initials: _____

SSRSEF Engineering Feedback Form (3-5): This form is for project feedback only and reflects the minimum requirements. Meeting all the standards does not guarantee an award.

Engineering Process Presentation Board	Meets Standard	Doesn't Meet Standard
Defines a simple need or problem to be solved.		
Describes several criteria for a successful solution.		
Explains the available materials and resources (constraints)		
Researches the problem to better understand the need.		
Generates possible solutions to a problem.		
Pursues the most promising solution based on how the idea meets the criteria for a successful solution.		
Uses suitable tools, techniques and materials to make a drawing, build a model or prototype, or write or use a program of the proposed design.		
Tests the solution to see how well that solution solves the problem. Modifies the design, if necessary. Creates a new drawing, model or prototype, or program.		
Collects and analyzes data using graphs, tables, and/or charts.		
Determines the best solution and explains the reasons.		
Display board is logically organized with clear graphics and legends.		
Spelling and grammar are accurate.		
All safety issues are addressed.		

Oral Presentation

Thoroughly explains their problem and multiple solutions using appropriate engineering terms, explains what they tested and why, what they learned and the significance of their project.		
Has an understanding of basic science relevant to project and understands the interpretation and limitations of the results and conclusion.		
Provides clear, concise, and thoughtful responses to questions pertaining to their project.		

Journal

Defines a need or problem to be solved.		
Background research and information.		
Explanation of constraints, criteria and includes prototypes or models.		
Contains complete notes, records and dates of all tests. Data may handwritten or on an electronic device available for judges.		
Project is clearly explained.		
Includes safety concerns.		

Strengths of this Project:

Areas for Improvement:

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