

Tri-State Science and Engineering Fair Judge's Worksheet (Engineering)

PROJECT #: _____

CATEGORY	MAX SCORE	SCORE
Research Problem <ul style="list-style-type: none"> • Description of practical need or problem to be solved • Definition of criteria for propose solution • Explanation of constraints 	10 pts	
Design and Methodology <ul style="list-style-type: none"> • Exploration of alternatives to answer need or problem • Identification of a solution • Development of a prototype/model 	15 pts	
Execution: Construction and Testing <ul style="list-style-type: none"> • Prototype demonstrates intended design • Prototype has been tested in multiple conditions/trials • Prototype demonstrates engineering skill and completeness 	20 pts	
Creativity <ul style="list-style-type: none"> • Project demonstrates significant creativity in one or more of the above criteria 	20 pts	
Poster Presentation <ul style="list-style-type: none"> • Logical organization of material • Clarity of graphics and legends • Supporting documentation displayed 	10 pts	
Interview Presentation <ul style="list-style-type: none"> • Clear, concise, thoughtful responses to questions • Understanding of basic science relevant to project • Understanding interpretation and limitations of results and conclusions • Degree of independence in conducting project • Recognition of potential impact in science, society, and/or economics • Quality of ideas for further research • For team projects, contributions to and understanding of project by all members. 	25 pts	
Total Score	100 pts	

Comments: _____

Judge Note Section - This section will be removed before returning form to student.

PROJECT # _____

JUDGE: _____

Please check this box if this project should be considered for a Grand Award. →