



Engineering Project Scorecard

Student's Name:	Grade Level:				
Project Category:	Date:				
Project Title:	Project #:				
Judge:	Final Score:				
	Superior	Above Average	Average	Below Average	Little or No Evidence
Research Problem (10 pts)					
1. Description of a practical need or problem to be solved					
2. Definition of criteria for proposed solution					
3. Explanation of constraints					
Design & Methodology (15 pts)					
1. Exploration of alternatives to answer need or problem					
2. Identification of solution					
3. Development of a prototype/ model					
Execution: Construction and Testing (20 pts)					
1. Prototype demonstrates intended design					
2. Prototype has been tested in multiple conditions/ trials					
3. Prototype demonstrates engineering skill and completeness					
Creativity (20 pts)					
1. Project demonstrates significant creativity in one more of the above criteria					
Opportunities for improvement:					

	Superior	Above Average	Average	Below Average	Little or No Evidence
Presentation (35 Total Pts)					
Poster (10 pts)					
1. Logical organization of material					
2. Clarity of graphics and legends					
3. Supporting documentation displayed					
Interview (25 pts)					
1. Clear, concise, thoughtful responses to questions					
2. Understanding of basic science relevant to project					
3. Understands interpretation and limitations of results and conclusions					
4. Degree of independence in conducting project					
5. Recognition of potential impact in science, society and/ or economics					
6. Quality of ideas for further research					
7. For team projects, contributions to and understanding of project by all members.					
Recommendations for Improvement:					