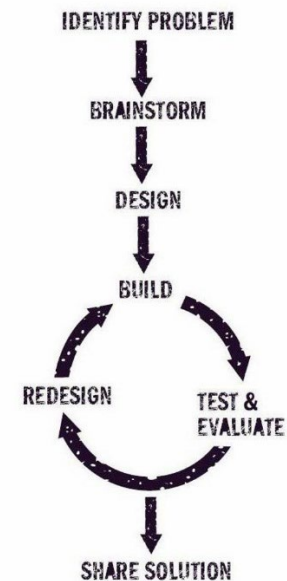


CASEF JUDGING SCORESHEET ENGINEERING PROJECTS

PROJECT # _____

Engineering Project Category	Guidelines	Points Available	Points Awarded
<i>Project Definition</i>	-Description of a practical need or problem to be solved -Definition of criteria for proposed solution -Explanation of constraints	10	
<i>Design and Methodology</i>	-Exploration of alternatives to answer need or problem -Identification of a solution -Development of prototype or model	20	
<i>Execution: Construction and Testing</i>	-Prototype demonstrates intended design -Prototype has been tested in multiple conditions./trials -Prototype demonstrates engineering skill and completeness -Degree of independence in conducting project	20	
<i>Creativity</i>	-Project demonstrated significant creativity in one or more criteria	10	
Presentation			
<i>Display & Research Paper</i>	-Logical organization or material -Clarity of graphics and legends -Supporting documentation displayed	15	
<i>Log Book</i>	- Available for review - Chronological account in ink - Discarded entry crossed through but visible - Evidence of thoughts on alternatives, solutions or further investigation	15	
<i>Interview</i>	-The student showed a good understanding of the problem and its significance, explained the methodology used and the possible application of the conclusions - The student/team had ideas on what to do next and/or what to do differently next time - The student/team was able to answer questions about the project in a thoughtful way - The student/team understood the limitations of the project and the data/results - TEAM show coordinated effort	10	
Total		100	

THE DESIGN PROCESS



Judge's Signature _____

Judge's Number: _____

<p>AWARDS</p> <p>First: 90 – 100 Second: 80-89 Third: 70-79 Honorable Mention: 69 or below</p>
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