

Engineering Score Sheet

Directions: Place the appropriate number in the total box at the end of each row. Add the totals in the last column for the overall points.

<i>CRITERIA</i>	<i>Beginning Level</i>	<i>Fair</i>	<i>Good</i>	<i>Excellent</i>	<i>Scores</i>
<u>Creativity of Design:</u> <ul style="list-style-type: none"> • Originality of all elements: the question(s), research approach, protocol and use of equipment 	1	2	3	4	
<u>Creativity of Interpretation:</u> <ul style="list-style-type: none"> • Originality of data analysis 	1	2	3	4	
<u>Engineering goals</u> <ul style="list-style-type: none"> • Defining a need • Clarity of design criteria 	1	2	3	4	
<u>Engineering Design</u> <ul style="list-style-type: none"> • Building the design • Testing and redesign if needed • Workability and results • Economic feasibility 	1	2	3	4	
<u>Completeness:</u> <ul style="list-style-type: none"> • Question(s) answered in depth • Thorough documentation • Knowledge of literature in the field 	1	2	3	4	
<u>Display and Oral Presentation:</u> <ul style="list-style-type: none"> • Clear and concise oral interview • Effective visual display of project details 	1	2	3	4	
<u>Independence:</u> <ul style="list-style-type: none"> • Balance between student's use of own skills and reliance on adult participation. 	1	2	3	4	
					TOTAL

Judge Name _____