

2008 Judges' Scoring Rubric – Engineering, Computers, and Mathematics

Area of Scoring	Specific Areas Scored	Characteristics/Indicators needed in each specific area. The boxes are for judges to use as they choose.	Specific comments may be recorded for each category. General comments may be written at the end of the scoring rubric.	<i>*Please Note*</i> All numbers between 0-5 OR 0-10 may be used as indicated for each scored area. Point totals must be whole numbers.
P R O J E C T R E P O R T	Problem Statement	Characteristics 1. Defines a need or problem <input type="checkbox"/> 2. Relates specifically to the effect of one variable upon another <input type="checkbox"/> 3. Challenging solution <input type="checkbox"/>	Comments	0-5 Points Three areas – 5 points Two areas – 3 points One area – 1 point <u>Score</u> _____(5)
	Research	Characteristics 1. Relates to the problem or need <input type="checkbox"/> 2. Any direct quotes or paraphrased materials are cited <input type="checkbox"/> 3. Cites adequate research <input type="checkbox"/>	Comments	0-5 Points Three areas – 5 points Two areas – 3 points One area – 1 point <u>Score</u> _____(5)
	Project Design	Characteristics 1. Procedures clearly stated <input type="checkbox"/> 2. Procedures align with problem statement <input type="checkbox"/> 3. Well thought out and efficient <input type="checkbox"/>	Comments	0-10 Points Three areas – 10 points Two areas – 6 points One area – 3 points <u>Score</u> _____(10)

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P R O J E C T R E P O R T	Style	Characteristics 1. Correct grammar, punctuation, spelling <input type="checkbox"/> 2. Paper organized in order with headings (table of contents, introduction, materials list, procedures, results, conclusion, bibliography) <input type="checkbox"/> 3. Material easily read (double-spaced, font size, simple font style, margins) <input type="checkbox"/>	Comments	0-5 Points Three areas – 5 points Two areas – 3 points One area – 1 point <u>Score</u> _____(5)
	Bibliography	Characteristics 1. Appropriate credit given for print and electronic material <input type="checkbox"/> 2. Acknowledgement of contacts and mentors <input type="checkbox"/> 3. Uses correct style <input type="checkbox"/>	Comments	0-5 Points Three areas – 5 points Two areas – 3 points One area – 1 point <u>Score</u> _____(5)
P R O J E C T	The Product	Characteristics 1. Product neat and organized <input type="checkbox"/> 2. Practical use of materials and techniques <input type="checkbox"/> 3. Attention given to product details <input type="checkbox"/>	Comments	0-10 Points Three areas – 10 points Two areas – 6 points One area – 3 points <u>Score</u> _____(10)
	RE-design of Product	Characteristics 1. Create the redesigns <input type="checkbox"/> 2. Test the redesigns <input type="checkbox"/> 3. Alternative solutions of original project clearly written <input type="checkbox"/>	Comments	0-10 Points Three areas – 10 points Two areas – 6 points One area – 3 points <u>Score</u> _____(10)

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	Testing Results	<p style="text-align: center;">Characteristics</p> <ol style="list-style-type: none"> 1. Predictions made for changing the variables <input type="checkbox"/> 2. Measured results are quantitative <input type="checkbox"/> 3. Alternate designs based on predictions/results <input type="checkbox"/> 	Comments	<p style="text-align: center;">0-10 Points</p> <p>Three areas – 10 points Two areas – 6 points One area – 3 points</p> <p style="text-align: center;"><u>Score</u></p> <p style="text-align: center;">_____ (10)</p>
D I S P L A Y	Project Log	<p style="text-align: center;">Characteristics</p> <ol style="list-style-type: none"> 1. Complete and continuous organization using Table of Contents, numbered pages, dates and times <input type="checkbox"/> 2. Original notebook or template form <input type="checkbox"/> 3. Notes accurate and detailed <input type="checkbox"/> 4. All parts included: procedures, observations, data collection, drawings, diagrams <input type="checkbox"/> 5. Legible and handwritten <input type="checkbox"/> 	Comments	<p style="text-align: center;">0-10 Points</p> <p>Five areas – 10 points Four areas – 8 points Three areas – 6 points Two areas – 4 points One area – 2 points</p> <p style="text-align: center;"><u>Score</u></p> <p style="text-align: center;">_____ (10)</p>
	Visual Display	<p style="text-align: center;">Characteristics</p> <ol style="list-style-type: none"> 1. Communicates intent and accomplishments <input type="checkbox"/> 2. Organized and neat <input type="checkbox"/> 3. Eye-catching format <input type="checkbox"/> 4. Pictures of student involvement <input type="checkbox"/> 5. Correct spelling and grammar <input type="checkbox"/> 	Comments	<p style="text-align: center;">0-5 Points</p> <p>Five areas – 5 points Four areas – 4 points Three areas – 3 points Two areas – 2 points One area – 1 point</p> <p style="text-align: center;"><u>Score</u></p> <p style="text-align: center;">_____ (5)</p>

