

**Student's Name** \_\_\_\_\_

**Project Title** \_\_\_\_\_

**Category** \_\_\_\_\_

*Rank in Category* \_\_\_\_\_

**Project Number**

*(Judge's comments on reverse side)*

**Creative Ability (25 pts)**

Idea for project	Assigned by teacher 3 4	Copied from text 5 6	Developed as team 7 8	Original 9
Approach used to solve problem	None or not logical 1 2	"Cookbook" 3 4	Adapted others' directions 5 6 7	Original 8
Active, Interpretation	None Little done 1 2	Relationships identified and future work suggested 3 4 5 6 7 8		

**Scientific Thought/Engineering Goals (24 pts)**

Posing the Problem	No problem 0	Problem not stated 1	Incompletely stated 2 3	Well defined 4 5 6
Choice of Problem	Too simple or too difficult 2 3		Little data available 4 5	Appropriate "workable problem" 6 7 8
Plan followed in project or Engineering	Logical approach missing 4 5		Plan made, variables recognized, controls used 6 7 8 9 10	
	Impractical or unworkable		Potential applications	Demonstrated applications

**Skill (12 pts)**

	Simple project done poorly 6 7	Simple project done well 8 9	Difficult project done poorly 10	Difficult project done well 11 12
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**Thoroughness/Completeness (24 pts)**

Adequate data or testing	No data collected 6 7		Insufficient data 8 9	Sufficient data AND limitations seen 10 11 12	
Relation to current knowledge	No correlation and few references 0 1 2 3			Work correlates well with broader field 4 5 6	
Suggestions for future work	No recognition 0 1		Recognized some possibilities 2 3 4		Productive suggestions 5 6

**Clarity of Communication (15 pts)**

Exhibit	Poorly constructed or distracting 2 3 4			Well constructed and self-explanatory 5 6 7		
Written report.....interview	Disorganized or insufficient 3 4 5			Concise, clear, and appropriate 6 7 8		