

Do NOT ask the student about: Age, Grade, School, or prior awards from previous competitions.

Judging Criteria for Engineering Projects	Project # _____	Project # _____
<p data-bbox="109 240 449 266">I. Research Problem (20 pts)</p> <ul data-bbox="159 298 705 435" style="list-style-type: none">• description of a practical need or problem to be solved• definition of criteria for proposed solution• explanation of constraints <p data-bbox="109 467 550 493">II. Design and Methodology (20 pts)</p> <ul data-bbox="159 526 705 662" style="list-style-type: none">• exploration of alternatives to answer need or problem• identification of a solution• development of a prototype or model <p data-bbox="109 695 688 721">III. Execution: Construction and Testing (20 pts)</p> <ul data-bbox="159 753 705 922" style="list-style-type: none">• prototype demonstrates intended design• prototype has been tested in multiple conditions or trials• prototype demonstrates engineering skill and completeness <p data-bbox="109 954 331 980">IV. Poster (20 pts)</p> <ul data-bbox="159 1013 642 1117" style="list-style-type: none">• logical organization of material• clarity of graphics and legends• supporting documentation displayed <p data-bbox="109 1149 373 1175">IV. Interview (20 pts)</p> <ul data-bbox="159 1208 705 1490" style="list-style-type: none">• clear, concise, thoughtful responses to questions• understanding of basic science relevant to project• understanding interpretation and limitations of results and conclusions• degree of independence in conducting project		

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