

ORANGE COUNTY SCIENCE & ENGINEERING FAIR – JUDGE'S WORKSHEET - **ENGINEERING PROJECT**

<i><b>PROJECT #</b></i> →							
<b>A. Creativity (30 points total)</b> 1. The problem is original or is a unique approach to an old problem (considering the student's grade level) 2. Equipment and materials are used ingeniously 3. Interpretation of data is appropriate for student's grade level 4. Applications of project information shows student's creative involvement 5. Student shows evidence of understanding that unanswered questions remain 6. Creativity is evident							
<b>B. Engineering Goals (30 points total)</b> 1. The project has clear objective relevant to needs of potential user 2. Product or process has been tested 3. Product or process is both workable and feasible economically and ecologically 4. Project exhibits orderly recording and analysis of data 5. Testing procedures are appropriate and organized 6. Conclusions are logical and based on the data collected							
<b>C. Thoroughness (15 points total)</b> 1. The study is complete within the scope of the problem 2. Scientific literature has been searched 3. Experiments have been repeated and careful records have been kept							
<b>D. Skill (15 points total)</b> 1. Special skills needed for construction or use of equipment is evident 2. Special mathematical, computational or observational skills are evident 3. Project is skillfully designed so that it yields valid, reliable, and accurate data.							
<b>E. Clarity (10 points total)</b> 1. The project notebook is well organized, neat and accurate 2. The purpose, procedures and conclusions are clearly outlined and the title accurately reflects the problem							
<b><i>TOTAL POINTS FOR THIS PROJECT</i></b> →							