

# Judge's Scoring Guidelines and Worksheet

**Finalist Name(s):** \_\_\_\_\_ **Project Code:** \_\_\_\_\_

Following is a set of criteria that can assist you in interviewing the students and in your evaluation of their projects.

Guidelines	Notes	Points Available	Points Awarded
<b>I. Research Question</b> <ul style="list-style-type: none"> <li>▪ Clear and focused purpose</li> <li>▪ Identifies contribution to field of study</li> <li>▪ Testable using scientific methods</li> </ul>		10	
<b>II. Design and Methodology</b> <ul style="list-style-type: none"> <li>▪ Well designed plan and data collection methods</li> <li>▪ Variables and controls defined, appropriate and complete</li> </ul>		15	
<b>III. Execution:</b> <b>Data Collection, Analysis and Interpretation</b> <ul style="list-style-type: none"> <li>▪ Systematic data collection and analysis</li> <li>▪ Reproducibility of results</li> <li>▪ Appropriate application of mathematical and statistical methods</li> <li>▪ Sufficient data collected to support interpretation and conclusions</li> </ul>		20	
<b>IV. Creativity and Ownership:</b> <ul style="list-style-type: none"> <li>▪ Project demonstrates significant creativity and ownership in one or more of the above criteria.</li> </ul>		15	
<b>V. Presentation:</b> Slideshow <ul style="list-style-type: none"> <li>▪ Logical organization of material</li> <li>▪ Clarity of graphics and legends</li> <li>▪ Supporting documentation displayed</li> </ul>		20	
<b>VI. Presentation:</b> <ul style="list-style-type: none"> <li>▪ Clear, concise,</li> <li>▪ Understanding of basic science relevant to project</li> <li>▪ Understanding interpretation and limitations of results and conclusions</li> <li>▪ Degree of independence in conducting project</li> <li>▪ Recognition of potential impact in science, society and/or economics</li> <li>▪ Quality of ideas for further research</li> <li>▪ For team projects, contributions to and understanding of project by all members</li> </ul>		20	
<b>TOTAL</b>		100	