

## Tri-State Science and Engineering Fair Judge's Worksheet (Science)

PROJECT #: \_\_\_\_\_

CATEGORY	MAX SCORE	SCORE
<b>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 pts	
<b>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 pts	
<b>Execution: Data Collection, Analysis and Interpretation</b> <ul style="list-style-type: none"> <li>• Systemic 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 pts	
<b>Creativity</b> <ul style="list-style-type: none"> <li>• Project demonstrates significant creativity in one or more of the above criteria</li> </ul>	20 pts	
<b>Poster Presentation</b> <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>	10 pts	
<b>Interview Presentation</b> <ul style="list-style-type: none"> <li>• Clear, concise, thoughtful responses to questions</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>	25 pts	
<b>Total Score</b>	100 pts	

Comments: \_\_\_\_\_  
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 \_\_\_\_\_

*Judge Note Section - This section will be removed before returning form to student.*

PROJECT # \_\_\_\_\_

JUDGE: \_\_\_\_\_

*Please check this box if this project should be considered for a Grand Award.*

