

# Twin Cities Regional Science Fair

## Judges' Scoring Sheet for Project Presentation

*This sheet is judges' use only. It will not be returned to the students.*

**Judge Number:**  
**Judge Name:**  
**Project Number:**  
**Student(s):**  
**Title:**  
**Category:**

	Max Score	Actual Score
<b>Research Question or Problem:</b> For Science Projects: <input type="checkbox"/> Clear and focused purpose <input type="checkbox"/> Identifies contribution to field of study <input type="checkbox"/> Testable using scientific methods  For Engineering Projects: <input type="checkbox"/> Description of a practical need or problem to be solved <input type="checkbox"/> Definition of criteria for proposed solution <input type="checkbox"/> Explanation of constraints	<b>(10)</b>	
<b>Design and Methodology:</b> For Science Projects: <input type="checkbox"/> Well-designed plan & data collection methods <input type="checkbox"/> Variables and controls defined, appropriate & complete  For Engineering Projects: <input type="checkbox"/> Exploration of alternatives to answer need or problem <input type="checkbox"/> Identification of a solution <input type="checkbox"/> Development of a prototype/model	<b>(15)</b>	
<b>Execution: Data Collection, Analysis, and Interpretation</b> For Science Projects: <input type="checkbox"/> Systematic data collection & analysis <input type="checkbox"/> Reproducibility of results <input type="checkbox"/> Appropriate application of mathematical & statistical methods <input type="checkbox"/> Sufficient data collected to support interpretation & conclusions  For Engineering Projects: <input type="checkbox"/> Prototype demonstrates intended design <input type="checkbox"/> Prototype has been tested in multiple conditions / trials <input type="checkbox"/> Prototype demonstrates engineering skill & completeness	<b>(20)</b>	
<b>Creativity:</b> For Science Projects: <input type="checkbox"/> Project demonstrates significant creativity in more or more of the above criteria  For Engineering Projects: <input type="checkbox"/> Project demonstrates significant creativity in more or more of the above	<b>(20)</b>	
<b>Poster Presentation:</b> (For both science & engineering projects) <input type="checkbox"/> Logical organization of material <input type="checkbox"/> Clarity of graphics and legends <input type="checkbox"/> Supporting documentation displayed	<b>(10)</b>	
<b>Interview Presentation:</b> (For both science & engineering projects) <input type="checkbox"/> Clear, concise, thoughtful responses to questions <input type="checkbox"/> Understanding of basic science relevant to project <input type="checkbox"/> Understanding interpretation and limitations of results & conclusions <input type="checkbox"/> Degree of independence in conduction project <input type="checkbox"/> Recognition of potential impact in science, society and/or economics <input type="checkbox"/> Quality of ideas for further research <input type="checkbox"/> For team projects, contributions to and understanding of project by all members	<b>(25)</b>	
<b>Total:</b>	<b>(100)</b>	