

## Junior and Senior Divisions

**Directions:** Place the appropriate number in the total box at the end of each row. Add the totals in the last column for the overall points.

<i>CRITERIA</i>	<i>Beginning Level</i>	<i>Fair</i>	<i>Good</i>	<i>Excellent</i>	<i>Scores</i>
<u><b>Creativity of Design:</b></u> <ul style="list-style-type: none"> <li>• Originality of all elements: the question(s), research approach, protocol and use of equipment</li> </ul>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
<u><b>Creativity of Interpretation:</b></u> <ul style="list-style-type: none"> <li>• Originality of data analysis</li> </ul>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
<u><b>Scientific Method:</b></u> <ul style="list-style-type: none"> <li>• Clarity of question(s)</li> <li>• Clarity of hypothesis</li> <li>• Clarity of procedures</li> </ul>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
<u><b>Scientific interpretation</b></u> <ul style="list-style-type: none"> <li>• Validity of conclusions based on limitation of data</li> <li>• Correlation of data to answering the question</li> <li>• Variables and controls discussed</li> </ul>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
<u><b>Completeness:</b></u> <ul style="list-style-type: none"> <li>• Question(s) answered in depth</li> <li>• Thorough documentation</li> <li>• Knowledge of literature in the field</li> </ul>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
<u><b>Display and Oral Presentation:</b></u> <ul style="list-style-type: none"> <li>• Clear and concise oral interview</li> <li>• Effective visual display of project details</li> </ul>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
<u><b>Independence:</b></u> <ul style="list-style-type: none"> <li>• Balance between student's use of own skills and reliance on adult participation.</li> </ul>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
	<b>TOTAL</b>				