<table>
<thead>
<tr>
<th></th>
<th>9-10 POINTS</th>
<th>6-8 POINTS</th>
<th>5 OR LESS POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stated Problem</strong></td>
<td>Stated at the beginning</td>
<td>Stated</td>
<td>Not stated</td>
</tr>
<tr>
<td><strong>Research The Problem</strong></td>
<td>Statements supported by resources and/or surveys</td>
<td>Statements unsupported by resources and/or surveys</td>
<td>Not included</td>
</tr>
<tr>
<td><strong>Hypothesis</strong></td>
<td>Logical and complete</td>
<td>Complete, but not logical</td>
<td>Not complete</td>
</tr>
<tr>
<td><strong>Procedure</strong></td>
<td>Clear, step-by-step outline of experiment with details, controls and variable stated</td>
<td>Clear, step-by-step outline without details, controls and variable stated</td>
<td>Unclear statements, explaining steps, controls and variable not stated</td>
</tr>
<tr>
<td><strong>Test The Hypothesis</strong></td>
<td>Follows procedures, records observations, collects complete details and data</td>
<td>Follows procedures, records observations, collects data</td>
<td>Incomplete procedures, sporadic observations, unclear data</td>
</tr>
<tr>
<td><strong>Organized Data</strong></td>
<td>Computer generated charts and graphs, titles and labels complete, organized</td>
<td>Neat graphs, titles and labels complete, data makes sense, organized</td>
<td>Titles and labels incomplete, disorganized</td>
</tr>
<tr>
<td><strong>Conclusion</strong></td>
<td>Extensively analyzes data, makes inferences, generalizations and predictions about results</td>
<td>Analyzes data and makes generalizations about results</td>
<td>Recalls data and states the results of the experiment</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>Creates real life applications from results</td>
<td>Applies knowledge to real life experiences</td>
<td>Minimal application to the real world</td>
</tr>
<tr>
<td><strong>Lab Work</strong></td>
<td>Consistently works cooperatively, uses time constructively, practices safety, uses tools appropriately</td>
<td>Works cooperatively, uses time wisely, practices safety, uses tools appropriately</td>
<td>Minimal cooperation, ineffective use of time, practices safety, uses tools appropriately</td>
</tr>
<tr>
<td><strong>Presentation</strong></td>
<td>Displays all steps of the scientific process, detailed explanations</td>
<td>Displays all steps of the scientific process, good explanations</td>
<td>Incomplete steps to the scientific process, illogical explanations</td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>