

## Assessment Rubric 3: Inquiry Investigation (continued)

CRITERIA	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
Analyzing and Interpreting	<ul style="list-style-type: none"> <li>Provides no analysis of the data</li> </ul>	<ul style="list-style-type: none"> <li>Explains data but provides limited analysis</li> </ul>	<ul style="list-style-type: none"> <li>Provides some analysis of the data</li> </ul>	<ul style="list-style-type: none"> <li>Provides insightful analysis of the data</li> </ul>
	<ul style="list-style-type: none"> <li>Arrives at illogical/or irrelevant conclusions</li> </ul>	<ul style="list-style-type: none"> <li>Attempts to draw some conclusions partially based on the data; not clearly stated; conclusions may not relate to original task</li> </ul>	<ul style="list-style-type: none"> <li>Draws some valid conclusions based on the data; relevant and clearly stated; draws conclusion that relates to the original task</li> </ul>	<ul style="list-style-type: none"> <li>Draws clearly stated conclusions based on the data</li> </ul>
	<ul style="list-style-type: none"> <li>Provides no evaluation of methods used</li> </ul>	<ul style="list-style-type: none"> <li>Provides limited evaluation of methods used</li> </ul>	<ul style="list-style-type: none"> <li>Provides some evaluations of methods used</li> </ul>	<ul style="list-style-type: none"> <li>Provides a thorough evaluation of methods used</li> </ul>
	<ul style="list-style-type: none"> <li>Makes no inferences</li> </ul>	<ul style="list-style-type: none"> <li>Makes few inferences</li> </ul>	<ul style="list-style-type: none"> <li>Makes some appropriate inferences</li> </ul>	<ul style="list-style-type: none"> <li>Makes insightful inferences</li> </ul>
Communicating	<ul style="list-style-type: none"> <li>Displays some information but without clear organization</li> </ul>	<ul style="list-style-type: none"> <li>Displays information but may lack organization</li> </ul>	<ul style="list-style-type: none"> <li>Displays information in an organized way</li> </ul>	<ul style="list-style-type: none"> <li>Displays information in a skillfully organized way</li> </ul>
	<ul style="list-style-type: none"> <li>Frequent errors in the use of units and terminology interfere with communication</li> </ul>	<ul style="list-style-type: none"> <li>Some errors in the use of units and terminology but they do not interfere with communication</li> </ul>	<ul style="list-style-type: none"> <li>Minor errors in the use of units and terminology</li> </ul>	<ul style="list-style-type: none"> <li>Few, if any, errors in the use of units and terminology</li> </ul>
	<ul style="list-style-type: none"> <li>Provides incomplete and confusing explanations</li> </ul>	<ul style="list-style-type: none"> <li>Provides some explanations that may be incorrect</li> </ul>	<ul style="list-style-type: none"> <li>Provides explanations that are generally correct but may lack detail or completeness</li> </ul>	<ul style="list-style-type: none"> <li>Provides explanations that are correct and detailed</li> </ul>

Blackline Master 2.2.1  
*Investigation Report*

**Investigation Title:** \_\_\_\_\_

**Student Name(s):** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Hypothesis:** \_\_\_\_\_

**Materials:**

**Safety:**

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- 
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**Procedure:**

**1** \_\_\_\_\_ **4** \_\_\_\_\_

**2** \_\_\_\_\_ **5** \_\_\_\_\_

**3** \_\_\_\_\_ **6** \_\_\_\_\_

**Observations:**

**Analysis:**

Write out the question as well as your answer for this section on the back.