

## Science Reasoning Rubric

		2 pts	1 pt	0 pt
<b>Statement</b>	<b>Claim</b> An assertion that something is true	Makes a claim that is sufficient to answer the question and is coherent.	Makes a claim that is sufficient to answer the question or is coherent.	Does not make a claim or makes an incoherent claim.
	or			
	<b>Explanation</b> Describes how and why a phenomenon occurs	Provides an explanation that addresses how and why a phenomenon occurs	Provides an explanation that addresses how or why a phenomenon occurs	Does not provide an explanation.
<b>Argument</b>	<b>Reasoning</b> Provides reasons the reader should accept your claim or explanation.	Includes all of the following: <ul style="list-style-type: none"> <li><input type="checkbox"/> Cites sufficient and relevant evidence to support the claim/explanation.</li> <li><input type="checkbox"/> Describes how the cited evidence defends the claim/explanation.</li> <li><input type="checkbox"/> Reader feels compelled to accept your argument.</li> </ul>	Includes two of the following: <ul style="list-style-type: none"> <li><input type="checkbox"/> Cites sufficient and relevant evidence to support the claim/explanation.</li> <li><input type="checkbox"/> Describes how the cited evidence defends the claim/explanation.</li> <li><input type="checkbox"/> Reader feels compelled to accept your argument.</li> </ul>	Includes one or none of the following: <ul style="list-style-type: none"> <li><input type="checkbox"/> Cites sufficient and relevant evidence to support the claim/explanation.</li> <li><input type="checkbox"/> Describes how the cited evidence defends the claim/explanation.</li> <li><input type="checkbox"/> Reader feels compelled to accept your argument.</li> </ul>

**Figure 2: Science Reasoning Rubric**

# Science Research Rubric High School

**James W. Altschuld, David D. Kumar**



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