

Science Argument Writing Rubric (9-12)

Score	4	3	2	1	0
CLAIM / ORGANIZATION CLAIM- ACONCLUSION THAT ANSWERS THE ORIGINAL QUESTION FOR INVESTIGATION	<ul style="list-style-type: none"> • Claim is introduced, clearly communicated, and maintained for the purpose, audience • Effective introduction and conclusion • Logical progression of ideas from beginning to end; strong connections between and among ideas. • Alternate and opposing argument(s) are clearly acknowledged or addressed* 	<ul style="list-style-type: none"> • Claim is clear, and the focus is mostly maintained for the purpose, audience • Adequate introduction and conclusion • Adequate progression of ideas from beginning to end; adequate connections between and among ideas • Alternate and opposing argument(s) are adequately acknowledged or addressed* 	<ul style="list-style-type: none"> • Claim may be somewhat unclear, or the focus may be insufficiently sustained for the purpose, audience • Introduction or conclusion, if present, may be weak • Uneven progression of ideas from beginning to end; and/or inconsistent or unclear connections among ideas • Alternate and opposing argument(s) may be confusing or not acknowledged * 	<ul style="list-style-type: none"> • Claim may be confusing or ambiguous; response may be too brief or the focus may drift from the purpose, audience. • Introduction and/or conclusion may be missing • Frequent extraneous ideas may be evident; ideas may be randomly ordered or have an unclear progression • Alternate and opposing argument(s) may not be acknowledged * 	<ul style="list-style-type: none"> • No clear claim is made or claim is not accurate.
EVIDENCE & REASONING	<ul style="list-style-type: none"> • Evidence is <u>sufficient</u>, <u>relevant</u> and <u>accurate</u> and includes empirical evidence, relevant science concepts and citations from authoritative sources; references are relevant and specific. • Reasoning is explicit and logical, includes analysis of error, and addresses any contradictory or inconsistent evidence that might be present. • Vocabulary & style are clearly appropriate for the audience and purpose (appropriate use of technical vocabulary and formal tone) 	<ul style="list-style-type: none"> • Sufficient evidence from data is integrated and includes relevant science concepts but may not cite any authoritative sources to support the argument. • Reasoning is explicit and logical, also addresses any contradictory or inconsistent evidence. • Vocabulary and style are generally appropriate for the audience and purpose 	<ul style="list-style-type: none"> • Some empirical evidence may be inconsistent with claim or irrelevant, relationships to science concepts may be vague or overly general • Reasoning is included by attempting to connect the claim and evidence, but is not consistent or complete. • Vocabulary and/or style are not consistent with the audience and purpose 	<ul style="list-style-type: none"> • Evidence for the claim is minimal or irrelevant; references to science concepts or sources may be absent or incorrectly used • Reasoning is absent or significantly flawed • Vocabulary and style are limited or ineffective for the audience and purpose 	No evidence provided
CONVENTIONS		<ul style="list-style-type: none"> • Adequate use of correct sentence formation, punctuation, capitalization, grammar usage, and spelling 	<ul style="list-style-type: none"> • Limited use of correct sentence formation, punctuation, capitalization, grammar usage, and spelling 	<ul style="list-style-type: none"> • Infrequent use of correct sentence formation, punctuation, capitalization, grammar usage, and spelling 	