

1003 Integrating Indigenous Science and STEM

Argument Rubric

Criterion	Absent (0%)	Novice (20%)	Developing (40%)	Competent (60%)	Proficient (80%)	Excellent (100%)
Main Claim/ Thesis Statement	Your Thesis statement is unidentifiable. An argument (debatable position) is not made.	Your Thesis statement is overly vague or difficult to understand, because your main claim does not lead to an argument.	You have attempted a Main claim (thesis statement) but it is not clear how you intend to make it arguable. (defensible with published scientific evidence).	Your Thesis statement is clear and arguable, and it supports engagement between Indigenous knowledge and Western science, but a particular region or a global challenge may not be clear.	Your Thesis statement is clear, makes a claim of engagement between Indigenous knowledge and Western science to address a global challenge with reference to a particular region.	Your Thesis statement is clear, precise, sophisticated; demonstrates insight into the topic area with a defensible claim regarding engagement between Indigenous knowledge and Western science and to address a global challenge with reference to a particular region.
Argument	Your sub-claims are absent or incoherent. Your text reads like a description or explanation.	You attempt to support a main claims with sub-claims; however, they are weak or may not be relevant.	Your sub-claims are present but may lack relevance; and/or may lack a counterclaim. Your writing may be expository rather than argumentative.	Your sub-claims are present and mostly relevant. You attempt to discuss a counterclaim.	Your connection between main claim and sub-claims are clearly stated and relevant. Counterclaim is raised and discussed convincingly.	Your connection between main claim and sub-claims reflect mature, analytical thinking and are clearly stated and relevant. Counterclaim to the main claim is raised and addressed thoroughly.
Evidence and reasoning	Your sub-claims are not supported with evidence.	Your sub-claims are insufficiently supported by evidence; and/or evidence is repetitive or irrelevant; and/or reasoning is not stated	Your sub-claims are not supported consistently - evidence may not be sufficient or not always completely relevant to the topic; and/or explanation of why the evidence leads to the claim (reasoning) is weak.	Your sub-claims are supported with appropriate evidence. You have made clear attempts at reasoning; Your writing is well-paraphrased, with no direct quotations, and shows considered use of information-prominent citations.	Your sub-claims are supported with relevant evidence and connected back to the claim with reasoning. Your writing is well-paraphrased, with no direct quotations, and with considered use of information-prominent citations.	Your sub-claims are well-supported with relevant evidence and is integrated into the text with clear explanations of why the evidence leads to the claim (reasoning).Your writing is well-paraphrased, with no direct quotations, and uses information-prominent citations.
Sources	Your sources of information are not identified or are deficient in validity and reliability - this is plagiarism	Your sources are insufficient in number (< 5), and their validity or reliability are questionable.	Your sources are insufficient in number (5 - 7); and/or validity or reliability of some sources may be questionable; and/or justification of sources weak or absent.	Your sources are sufficient in number (8-10) but validity or reliability of a few references may be questionable; Your sources are adequately justified by a statement included in the reference list assessing them via the CRAAP criteria.	You have used at least 10 valid and reliable sources. Your sources are justified by a valid statement included in the reference list assessing them via the CRAAP criteria.	You have used at least 10 valid and reliable sources: 4 peer reviewed (2 between 2015-2021). Your sources are justified by a valid statement included in the reference list assessing them via the CRAAP criteria.
Formatting Citations and Referencing	Your references are absent or not formatted with any consistent style and contain numerous errors - this is plagiarism	Your references have more than 5 errors in formatting; and/or many in-text citations are missing from reference list or vice versa; and/or in-text citations are not placed within the sentence that they support.	Your references are formatted in APA 7th style with some (4-5) errors; and/or some in-text citations are missing from reference list or vice versa; and/or in-text citations are not consistently placed within the sentence that they support.	Your references are formatted in APA7th style with a few (3-4) errors; and/or most in-text citations appear in reference list or vice versa; and/or most of your in-text citations are properly placed within the sentence that they support, with a few errors.	Your references are formatted in APA7th style with a maximum of 2 errors; and in-text citations appear in reference list and vice versa. In-text citations are properly placed within the sentence that they support.	Your references are formatted in APA7th style with no errors in-text or in the reference list; All in-text citations appear in reference list and vice versa. In-text citations are properly placed within the sentence that they support.
Use of English	Your writing style is inconsistent and informal; and /or and has many errors.	Your writing is inconsistent and/or informal in expression.	Your writing lacks the academic writing elements appropriate to the intended purpose and audience.	You have demonstrated acceptable use of grammar and language; and/or formality and tone mostly appropriate to the intended purpose and audience.	You have demonstrated proficient use of grammar and punctuation; formal language and tone as appropriate to the intended purpose and audience.	You have demonstrated mature academic writing, sophisticated use of grammar and punctuation; formal language and tone as appropriate to the intended purpose and audience.
Overall Organisation	Your paper shows no logical flow of ideas; and/or no identifiable paragraph structure. Writing lacks clarity and may not be coherent.	You have attempted to structure the text, however, flow of ideas is difficult to follow; paragraphs may contain multiple ideas and/or transition may not be effective.	You have attempted to structure the text; intro, body and conclusion may be present or partly present; or lacking logical flow of ideas; or some paragraphs lack topic sentences; or fails to make clear transitions.	Your paper is logically structured (introduction, body and conclusion present but may not be clear); may lack consistent logical flow of ideas; and/or paragraphs without topic sentences	Your paper shows a logical flow of ideas (clear introduction, body and conclusion) and paragraphs with topic sentences, supported by evidence and transition to the next paragraph.	Your paper is well-structured with logical flow of ideas. Clear intro (Background => main claim/thesis statement) + Body (sub-claims organised into distinct paragraphs) + Conclusion (summarises and restates argument). Paragraphs with identifiable topic sentence, appropriate development, analysis and transition.
Task completion	You have not demonstrated the criteria required for task completion; and/or many aspects not present.	You have barely demonstrated some of the criteria required for task completion; and/or two or more aspects not present at all.	You have demonstrated all 'excellent criteria' but two or more aspects may be lacking or inconsistent in your document.	You have demonstrated all 'excellent criteria' but one aspect may be lacking or inconsistent in your document.	You have demonstrated good execution of all 'excellent criteria' required for task completion.	You have demonstrated excellent execution of all of the following: respectful use of Aboriginal terminology; APA paper formatting following template; an appropriate length (+/-10% of required word count); genuine self evaluation.

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