



Assessment

Peer assessment rubric¹

Component	Level		
	0	1	2
Claim (aggregate) A decision or solution to the complex problem has been posed	No decision or solution or an inaccurate decision of solution is posed	An accurate but incomplete decision or solution has been posed	Poses an accurate and complete decision or solution to the complex problem
Evidence (ask/acquire) Data that support the claim and is gathered from all four sources is included in the solution	Does not provide evidence, or only provides inappropriate evidence, not supporting the decision or solution	Provides appropriate but insufficient evidence. This may include inappropriate evidence from some of the sources	Provides appropriate and sufficient evidence from all sources

¹ based on CERR rubric by K. McNeill and J. Krajcik (2012)



<p>Reasoning (appraisal)</p> <p>A justification that connects the different evidences to the decision or solution</p>	<p>Does not provide reasoning, or only provides reasoning that does not link the evidences to the decision or solution</p>	<p>Provides reasoning to link the evidences to the claim. The decisions in the use of evidences are not clear or inappropriate</p>	<p>Provides reasoning to link the evidences to the decision or solution AND decision and weight of using all evidences is clear and appropriate</p>
<p>Rebuttal (appraisal/aggregate)</p> <p>Recognises and describes alternative explanations, and provides counter-evidence and reasoning for why the posed decision or solution is chosen</p>	<p>Does not recognise alternative explanations exist and does not provide a rebuttal or an inaccurate rebuttal</p>	<p>Recognises alternative explanations and provides appropriate but insufficient counter-evidence and reasoning in the rebuttal</p>	<p>Recognises alternative explanations and provides appropriate and sufficient counter-evidence and reasoning in the rebuttal</p>