

Preliminaries Screening Rubric

Score	1		0.5		0
Question	I found a question that can be answered by testing and comparing two or more different scenarios <u>AND</u> suggests a cause and effect relationship.		I found a question that can be answered by testing and comparing two or more different scenarios <u>OR</u> suggests a cause and effect relationship.		I could not find a question; <u>OR</u> I found a question, but it doesn't meet either of the criteria listed
Background	I felt like the background section provided me with enough information to understand the project.		The background section provided me with a basic understanding of the subject, but not enough to understand the whole project.		I found little or no background information for this project.
Proposed Answer (Hypothesis)	I found a proposed answer to the question and it is logical and based on background information.		I found a proposed answer to the question, but I'm not sure how the author came up with that answer.		I could not find a logical answer to the question; <u>OR</u> I found an answer to a question, but not to the question asked.
Procedure	I could easily repeat this experiment.		I have a few (1-3) questions about how to perform this experiment.		I don't think I could repeat this experiment.
Prediction	I found an "if...then" (cause and effect) statement linking the hypothesis to the expected results of an experiment.		A cause and effect relationship is implied, but I could not find an "if...then" statement.		I could not find a prediction for this experiment.
Figures & Tables	I think the figures and tables were clearly labeled and laid out. They helped me understand the results of the experiment.		I had to look at the figures and tables several times to understand what they were showing. The graphics were not clearly labeled.		I couldn't figure out what these figures were about; <u>AND/OR</u> All graphics lacked labels.
Results (text)	<ul style="list-style-type: none"> • Summarizes raw data • Does not interpret data or draw conclusions • These are the type of results I would expect to get from the procedure described. 		Meets only one of these criteria		I could not find a written summary of the results of the proposed experiment.
Discussion (Analysis)	The author highlighted the trends in the data <u>AND</u> explained why those results were/were not expected.		The author highlighted the trends in the data <u>OR</u> explained why the results were/were not expected.		The author did not indicate or explain the data.
Conclusion	The author restated the hypothesis and used the data to support or reject it. Their explanation makes sense to me.		The author drew a connection between the hypothesis and the data, but it doesn't make sense to me		The author didn't draw a conclusion based on their hypothesis and results.
Future plans	As part of the conclusion, the author indicated: <ul style="list-style-type: none"> • Potential sources of error • Relevance (application, policy decisions, satiation of curiosity, etc.) • Identified future areas of research 		The conclusion included 2 of these items		The conclusion included 0-1 of these items
Presentation	This poster is beautiful and professionally done! Text is neat and clear and I don't see any typos.		This poster needs some work. There may be a few typos and/or some sections may need cleaning up.		This poster was slapped together. The text needs significant editing and/or the pieces are not neatly cut and glued onto the poster
	5	4	3	2	1
Communication of Ideas	Wow! This student knew their stuff and explained it well. I may have even learned something	This student knew their stuff, but I found it difficult to follow their logic in a few places	This student seems to know their stuff, but I'm not sure I really understood it based on their explanations.	I have an idea of what this student was doing, but the student doesn't seem to understand their topic	This project just doesn't make sense to me.
Innovation	Wow! What a neat idea! I seriously doubt anyone has done something like this before	This is a pretty cool project! I never would have thought doing an experiment in this way	This project is interesting, but I it doesn't stand out to me as new or unique	This one could be interesting, but is missing the depth of thought needed to make it innovative	I didn't find this project particularly interesting or creative