

STUDENT RESEARCH PAPER RUBRIC

Level/Criteria	3 points	2 points	1 point	0 points	
Materials	All materials are listed and metric units are used if applicable.	The materials list is missing 1 or more items used in the experiment.	The material list is missing 2 or more items used in the experiment.	There is no material list.	
Procedure	Procedures are clear, concise and able to be repeated.	Procedures are clear and concise.	Procedures are vague or difficult to understand.	Procedure is incomplete or missing.	
Results	Results are organized in tables or graphs and can be easily read by someone not familiar with the work. The results are averaged.	Results are organized in tables or graphs and can be easily read by someone not familiar with the work.	Results are organized in tables or graphs and can be easily read by someone not familiar with the work but not for all trials.	There is no data table or graph.	
Conclusion	The conclusion includes whether the hypothesis was supported supported or not supported and includes an explanation based on at least 2 specific examples from the data.	The conclusion includes whether the hypothesis was supported supported or not supported and includes an explanation based on at least 1 specific example from the data.	The conclusion includes whether the hypothesis was supported supported or not supported .	The conclusion is missing or does not reference the hypothesis.	
Reference List	Quality, quantity (at least 5) and variety of sources are adequate for the topic. Sources listed are cited within the BR. The sources are current.	Quality, quantity (at least 3) and variety of sources are adequate for the topic. Sources listed are cited within the BR.	Quality, quantity and variety of sources are adequate for the topic. 1 or more sources listed are not cited in BR.	There are 2 or more sources listed but not cited in the BR.	
Technical Aspects	The paper is typed and double spaced. Good grammar and spelling are evident. The font size and type are appropriate.	The paper is typed and double spaced. There are minor grammar and spelling errors. The font size and type are appropriate.	The paper is typed and double spaced. There are several grammar and spelling errors and the font size and type are inappropriate.	The paper has gross grammatical and spelling errors and has inappropriate font size and type and is not double space.	

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Abstract	The abstract is present, contains a concise summary of the purpose, procedure, and conclusion is 200 words or less.	The abstract is present but exceeds 200 words.	The abstract is present but missing the purpose, procedure or conclusion.	The abstract is missing.	
Safety Sheet and Endorsements	The safety sheet identifies all of the major safety hazards, precautions taken and any endorsement sheets (if necessary).	The safety sheet has most precautions that need to be taken.	The safety sheet does not include all precautions that are necessary or does not identify the correct safety hazards.	The safety sheet is missing.	
Title Page/Table of Contents	The title page is clear and concise. The table of contents is complete and includes page numbers.	The title page and table of contents are present but incomplete.	The title page OR table of contents is missing.	The title page AND table of contents is missing.	
Acknowledgements	Credit has been given to those who have helped with the project.	_____	_____	The acknowledgement page is missing.	
Purpose and Hypothesis	A testable question or problem statements has been identified and an "If/then" statement has been made.	A testable question or problem statements has been identified and an "If/then" statement has been made.	The question or problem statement can't be solved scientifically.	There is no question statement or hypothesis.	
Background Research (BR)	The BR is in-depth and the information is pertinent and supports the experiment. The research is also adequately cited using APA format.	The BR is informative and supports the experiment. Some citations are incorrect.	The BR lacks some pertinent information. Some sources are not cited in the BR.	The BR is vague and citations are not present.	