

**FINAL PAPER**

**CONTENT**

<b>ABSTRACT</b>	<b>4 points</b>	<b>3 points</b>	<b>2 points</b>	<b>0 points</b>	<b>SCORE</b>
	The abstract contains a concise (150 words max) summary of: <ul style="list-style-type: none"> <li>• The context of the research</li> <li>• The basic methodology of the research</li> <li>• The main findings of the research</li> <li>• The conclusions that can be drawn from the research</li> </ul>	A few aspects are incomplete or unclear OR the abstract is longer than 150 words.	Many of the necessary elements are missing.	The abstract is missing or completely devoid of useful information.	

<b>INTRODUCTION</b>	<b>4 points</b>	<b>3 points</b>	<b>2 points</b>	<b>0 points</b>	<b>SCORE</b>
<b>Literature Review and Argument Support</b>	<ul style="list-style-type: none"> <li>• Previous studies are clearly described at an appropriate level of detail such that a person unfamiliar with the topic can understand them, including information on their general methods.</li> <li>• Claims are supported by citations when necessary.</li> <li>• Terms are clearly defined when necessary.</li> </ul>	A few aspects of the review are unclear or incomplete OR irrelevant information about the reviewed literature is present	The literature review is unclear or incomplete such that a person unfamiliar with this topic would have trouble understanding the literature review.	The description of every cited source is unclear or incomplete OR there is no literature review.	
<b>Purpose of Study</b>	The paper makes clear: <ul style="list-style-type: none"> <li>• why the topic should be studied</li> <li>• why your particular study is needed – What gap in knowledge does your study fill or how does your study expand or build upon previous research? What shortcomings in previous research does your research address?</li> </ul>	All of the listed information is present but is not explained clearly or convincingly.	Some of the listed information is present but some is missing.	None of the listed information is present.	
<b>Study Description and Hypothesis</b>	<ul style="list-style-type: none"> <li>• The paper gives a general description of what the research entailed (what was done) without exhaustive methodological details.</li> <li>• It is clear what variables were measured/compared (e.g., independent and dependent variables are identified).</li> <li>• The hypothesis is testable and contains terms that are operationally defined.</li> </ul>	The study description and hypothesis are present but one or both are unclear.	Either the study description or hypothesis is missing.	The study description and hypothesis are missing.	

METHOD		3 points	2 points	0 points	SCORE
<b>Quality of Your Research Design</b>		<ul style="list-style-type: none"> <li>The way in which the study was conducted is appropriate for addressing the research question.</li> <li>The characteristics of the participant sample are appropriate for addressing the research question.</li> <li>Both the materials and procedures for manipulating the IV and measuring the DV were well-chosen and well-constructed.</li> <li>The informed consent and debriefing procedures/materials are well-designed and consistent with the content of your study.</li> </ul>	<p>There are some problems with your selection of participants, choice or construction of materials, or procedures, such that your design cannot fully address the research question posed.</p> <p>OR</p> <p>Because elements of your study were not defined or described clearly, it is not possible to evaluate them.</p>	Design is incomplete, ineffective, or missing or it does not address the research question.	
<b>DESCRIPTION OF DESIGN</b>	<b>Description of Your Participants</b>	<p>The paper should indicate:</p> <ul style="list-style-type: none"> <li>the number of participants that were used</li> <li>relevant, defining characteristics of the participants, including demographic information (male/female, age, race, etc.)</li> <li>how and where the participants were selected</li> <li>whether the participants were compensated and, if so, how.</li> </ul>	<p>Some of the listed information is present but some is missing and/or inaccurate.</p> <p>OR</p> <p>Information that is not relevant to the Participants is in this section.</p>	Most or all of the listed information is missing.	
	<b>Description of Your Materials</b>	<ul style="list-style-type: none"> <li>All materials used in the study are described in enough detail that a researcher could obtain or reproduce the same items.</li> <li>The materials used to manipulate the IV and measure the DV are clearly described (i.e. you provide operational definitions for your variables).</li> <li>Do not describe details of items that are not important for the study.</li> <li>If you created your own materials, you stated that fact, you included them as an appendix, and you referred to the appendix in the text.</li> <li>Appendixes are typed compactly; there are no screenshots of survey materials.</li> <li>If you used preexisting materials, you cited their source and you included sample items within the text.</li> </ul>	<p>In places, the description of the materials is at an inappropriate level of detail. Some information seems to be missing from the description of your materials.</p> <p>OR</p> <p>You did not include your survey or test as an appendix.</p> <p>OR</p> <p>Information that is not relevant to the Materials/Apparatus is in this section.</p>	<p>The materials are described at a completely inappropriate level of detail.</p> <p>OR</p> <p>There are many items missing from your description.</p>	
	<b>Description of Your Procedure</b>	<p>The procedure sub-section clearly and completely explains, in chronological order, the steps that were taken to conduct the research:</p> <ul style="list-style-type: none"> <li>It is clear how you obtained informed consent. If you used an informed consent form, it is attached as an appendix that is referred to in the text.</li> <li>It is clear how and when the IV was manipulated, including: <ul style="list-style-type: none"> <li>For independent groups designs: it is clear how you assigned participants to groups.</li> <li>For repeated measures designs: it is clear how you counterbalanced conditions.</li> </ul> </li> <li>It is clear how and when the DV was measured.</li> <li>You included a description of instructions you gave participants for all the tasks they completed.</li> <li>It is clear how you debriefed the participants. If you used a script or printed text, it is attached as an appendix that is referred to in the text.</li> </ul>	<p>The level of detail included would make replication difficult. It is not completely clear how the study was done. The description of the procedure may jump around in places.</p> <p>OR</p> <p>Information that is not relevant to the Procedure is in this section.</p> <p>OR</p> <p>You did not include your informed consent or debriefing as an appendix, if necessary.</p>	<p>Detail in the procedure is lacking, and would make replication impossible.</p> <p>The description of the procedure does not make sense or jumps around. The manipulation and/or measurement of the variables are unclear.</p>	

<b>RESULTS</b>	4 points	3 points	2 points	0 points	SCORE
<b>Description of Your Data and Analyses: What You Did to Your Data</b>	<ul style="list-style-type: none"> <li>• Correct descriptive statistics are used.</li> <li>• The correct inferential statistical test was used for your data. The text clearly describes:               <ul style="list-style-type: none"> <li>• ...how variables were grouped/scored for analyses.</li> <li>• ...the type of inferential statistical test(s) used.</li> <li>• ...an accurate statement referring the reader to the figure(s).</li> </ul> </li> </ul>	The description of analyses is not completely clear or contains minor errors.	The description of analyses contains a number of errors.	The description of analyses is missing or completely unintelligible OR You performed the wrong statistical test.	
<b>How You Reported the Results of Your Statistical Analyses</b>	<p>The text clearly includes:</p> <ul style="list-style-type: none"> <li>• ...the necessary numerical output associated with the statistical test(s).</li> <li>• ...the statistical significance or lack thereof of the results and, IF SIGNIFICANT, a description of the direction of the effect.</li> <li>• ...a report of the numerical results in an appropriate way (i.e., in the text or a table) that DOES NOT include screenshots of your computer output (e.g., SPSS output).</li> </ul>	Some pieces of information are missing, or a few unrelated or irrelevant pieces of information are included OR There appears to be an error in the results of your statistical analyses.	A number of different pieces of information are missing or the information is disorganized such that the results are unclear in places.	The information provided makes it impossible to understand the findings of the study.	
<b>Figure</b>	<ul style="list-style-type: none"> <li>• Each figure is a self-contained description of the results that can be understood on its own.</li> </ul> <p>For each figure:</p> <ul style="list-style-type: none"> <li>• The type of figure used is appropriate for your data.</li> <li>• If a figure note is present, it describes the figure contents clearly.</li> <li>• The axes are labeled clearly.</li> <li>• Data are plotted correctly and accurately.</li> </ul>	A figure, labels, or note describing the contents of the figure are not entirely clear or complete.	There are many shortcomings in a figure or note that make it hard to understand OR There are inconsistencies between a figure and note.	The figures provided are not adequate to illustrate anything useful about the data. OR A figure is missing.	

<b>DISCUSSION</b>	4 points	3 points	2 points	0 points	SCORE
<b>Conclusions About Your Data</b>	<ul style="list-style-type: none"> <li>• A brief restatement/summary of the results is provided.</li> <li>• The paper clearly and correctly states if the original hypothesis was or was not supported and the paper explains how the results either support or do not support the hypothesis.</li> <li>• Any additional results that do not address a formally stated hypothesis are interpreted and integrated appropriately.</li> </ul>	The explanation of how the results support or fail to support the hypothesis is not completely clear.	It is stated whether or not the hypothesis was supported, but the conclusions about your research seem to be inconsistent with your data.	There is no statement as to what can be concluded from your data, including whether or not the hypothesis was supported.	
<b>Integration of Your Results with Previous Research Findings</b>	<ul style="list-style-type: none"> <li>• The paper clearly provides a logical description of what your data and previous data as a whole mean in terms of the existence (or absence) of a relationship between the variables.</li> <li>• The paper describes what the consensus of research on this topic suggests, clearly explaining in what way your data agree or disagree with past research findings, how your data fit with past research findings, and attempting to account for why your data and past data agree or disagree.</li> </ul>	The meaning of the results or the explanation of the results is not completely clear.	The consensus of research or lack thereof is identified but not explained or discussed.	The results of your study are discussed but are not related to the broader literature OR The paper does not provide any useful discussion or interpretation of the results.	
<b>Limitations/Future Research/Conclusions</b>	<p>The paper addresses in a well thought-out, well-supported way:</p> <ul style="list-style-type: none"> <li>• Limitations/confounds of the research, if any.</li> <li>• The next logical step for future research to take.</li> <li>• The main conclusion or “take-home” message of the research.</li> <li>• The practical applicability of the findings, if any.</li> </ul>	One of the pieces of information is missing, unclear, or incorrect OR Suggestions for future research are given but it is not clear why they would be useful.	Several different pieces of information are missing, unclear, or incorrect.	The paper does not discuss limitations of the present research and does not provide any useful suggestions for future research or applications of the current findings.	

SOURCES/REFERENCES	4 points	3 points	2 points	0 points	SCORE
	<ul style="list-style-type: none"> <li>At least five peer-reviewed primary sources are referenced.</li> <li>All sources are related to the topic and cited in the paper.</li> <li>Primary sources are referenced rather than secondary sources when it is appropriate to do so.</li> </ul>	One of the sources is irrelevant OR one of the five required sources is not peer-reviewed and/or a primary source OR a cited source is not referenced OR one or more secondary sources are referenced when primary sources are more appropriate.	More than one source is irrelevant OR more than one (2-4) of the five required sources is not peer-reviewed and/or a primary source OR more than one cited source is not referenced OR a referenced source is not discussed in the paper.	One of the five required sources is missing OR all sources are irrelevant OR the five required sources are not peer-reviewed and/or primary sources OR the reference page is missing.	

ENTIRE PAPER	5 points	4 points	2 points	0 points	SCORE
<b>Composition, Structure, &amp; Organization of Ideas</b>	<ul style="list-style-type: none"> <li>The paper is logically organized, with a smooth progression of ideas.</li> <li>Transitions are used to connect ideas and link paragraphs.</li> <li>Information is placed in the appropriate sections.</li> <li>The paper ends cleanly, without leaving the reader expecting more.</li> </ul>	There are minor shortcomings in the organization of ideas OR Information in at least one of the sections should be moved elsewhere.	Because of a lack of organization and/or logical structure, this paper is somewhat hard to follow.	The paper has no organization or structure. Ideas are not connected.	

## FORMATTING AND WRITING STYLE

	5 points	4 points	2 points	0 points	SCORE
<b>APA Formatting</b>	<ul style="list-style-type: none"> <li>The paper is correctly formatted in APA style, including:               <ul style="list-style-type: none"> <li>title page</li> <li>page headers and numbering</li> <li>section headings and subheadings</li> <li>in-text citations</li> <li>proper integration of numerical results in the text</li> <li>reference page</li> <li>order of sections, appendices, and figures</li> </ul> </li> </ul>	Up to three different kinds of errors in APA formatting are present.	More than three different kinds of errors in APA formatting are present.	There seems to have been no effort to follow APA formatting guidelines.	
<b>Scientific Writing Style</b>	<ul style="list-style-type: none"> <li>Writing style is appropriate for a scholarly paper written for a scientific audience.</li> <li>Acronyms/abbreviations are spelled out when first used.</li> <li>No contractions are used.</li> <li>Paraphrasing is used rather than quotations as appropriate.</li> </ul>	There are a few instances of phrasing that is inappropriate for a scientific audience.	There are numerous lapses in scientific writing style throughout the paper.	There seems to have been no effort to use a scientific writing style.	
<b>Readability/ Grammar/ Word Choice</b>	<ul style="list-style-type: none"> <li>Extensive and accurate vocabulary and varied sentence structures are used.</li> <li>The paper contains no major grammatical errors such as incomplete sentences or run-on sentences.</li> <li>The paper exhibits appropriate word choice and there are no awkward sentences.</li> <li>The paper is nearly free from minor grammatical errors such as incorrect punctuation or incorrect noun-verb agreement.</li> <li>Spelling reflects reasonable care in proofreading.</li> </ul>	More than a few shortcomings are present that affect the quality of the writing but not the readability.	Shortcomings in the grammar and readability (rather than the meaning and logic) are present to the extent that they make sentences or passages difficult to read and understand.	Errors are so pervasive that the entire paper is difficult to read.	
				<b>TOTAL SCORE</b>	/ 76