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**Research Paper Rubric**

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| **Elements** | **Weight** | **5 Points** | **4 Points** | **3 Points** | **2 Points** | **1 – 0 Points** | **Total** |
| **Introduction to Purpose** | X1 | The introduction provides a succinct, accurate overview of the purpose of the research. | The introduction provides an accurate overview of the purpose of the research. The introduction may not be succinct. | The introduction does not provide a completely accurate overview of the purpose of the research. The introduction is wordy and confusing. | The introduction does not provide an overview of the content or the purpose of the research. | The introduction is not included. |  |
| **Background** | X3 | Relevant, current research is cited which effectively addresses the problem or answers the question. | Relevant, current research is cited which somewhat effectively addresses the problem or answers the question. | Current research is cited, but it does not effectively address the problem or answer the question. | Minimal current research is cited. The research is not credible. | Little to no current research is cited. |  |
| **Hypotheses** | X2 | Both the null and alternative hypotheses are presented and provide a clear prediction of the anticipated results. | Both the null and alternative hypotheses are presented but either the null or alternative hypothesis is convoluted or unclear. | Both the null and alternative hypotheses are presented but both are convoluted or unclear. | Either the null or alternative hypothesis is missing and/or faulty. | Both the null and alternative hypotheses are missing and/or faulty. |  |
| **Methodology** | X2 | A summary of the experimental design procedure is included that specifically addresses the question or problem. It provides an overview of the procedure and data collection methods and specifies an appropriate control and necessary environmental and safety measures. | A summary of the experimental design procedure is included that addresses the question or problem, but it could be more specific and well defined. It provides an overview of the procedure and data collection methods and specifies a control and environmental and safety measures. | A summary of the experimental design procedure is included that does not clearly address the question or problem. The over-view of the procedure and data collection methods is confusing or incorrect. The control or necessary environmental and safety measures are not mentioned. | A summary of the experimental design procedure is included but is flawed or missing information. The procedure does not address the question or problem and does not provide an overview of the procedures. The control and necessary environmental measures and safety measures are not mentioned. | A summary of the experimental design procedure is not included in the report. |  |
| **Results:**  **Data and Analysis** | X3 | The results are accurately and completely presented using equations, tables, drawings, etc. All units of measurement are indicated and accurate and calculations for statistical analysis are included and accurate. Results are displayed in three different ways. | The results are presented using equations, tables, drawings, etc. Units of measurement and calculations for statistical analysis are generally indicated and accurate. Results are displayed in two different ways. | The results are mostly accurate. Few equations, tables, drawings, etc. are included. Some units of measurement are missing or inaccurate. Calculations for statistical analysis are included but are inaccurate. | The results are missing significant portions of information, including calculations for statistical analysis. Units of measurement are missing or inaccurate. | The results are not included. |  |
| **Conclusion and Summary Paragraph** | X2 | The conclusion paragraph clearly and concisely states all of the key points addressed in the report. | The conclusion paragraph states the key points addressed in the report. | The conclusion paragraph states most of the key points addressed in the report. | The conclusion paragraph is wordy, confusing, or missing most of the key points of the report. | The conclusion is not included in the report. |  |
| **References** |  | 5 references properly cited using APA. A minimum of three sources from research articles. | 3 or 4 references properly cited using APA. A minimum of two sources from research article. | 3 references are used and cited. | 2 references are used. | References are not use. |  |

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Poster Presentation

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| **Appearance** | X3 | Font is easy to read and text is effective. Background is uncluttered and does not distract from the information. No spelling or grammatical errors. | Font is easy to read and text is effective. Background is uncluttered. One or two spelling or grammatical errors present. | Font is readable and text is mostly effective. Background is busy, but information is visible. Three spelling or grammatical errors present. | Font is not easy to read but text is effective. Background is busy and information is lost in background. More than three spelling or grammatical errors present. | Font is not easy to read and text is ineffective (too much or too little). More than three spelling or grammatical errors present. |  |
| **Presentation** | X2 | Presenters excel in the following characteristics: 1. punctual and professionally dressed; 2. engage the viewer; 3. demonstrate a great understanding of the research conducted. | Presenters are proficient in the three characteristics. | Presenters do not meet the three expectations. |  | Presenters fail to attend. |  |