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| **Conclusion Paper Rubric** | | | | | | **Your Score: \_\_\_\_\_/40** | |
|  | **4** | **3** | **2** | **1** | **0** | **Multiplier** | **Points earned/worth** |
| **Purpose of Experiment** | Overarching purpose of experiment mentioned, rationalized and tied to hypothesis and results. | Explanation lacking or not tied to results. | Explanation lacking and not tied to results. | Purpose or connection incorrectly explained. | No purpose included | ***1*** | **/4** |
| **Major Findings** | Trends extrapolated from data named and described. Findings anchored in data. | Findings incomplete or not connected to data. | Findings incomplete and not connected to data. | Findings incorrectly included or data misapplied. | No findings discussed. | ***2*** | **/8** |
| **Support of Research Hypothesis by Data** | Each set of results is accompanied by an explanation that points out trends in data and rationalizes the data set | Support present, and correct, but incomplete. | Support weak, but present. | Support relies on information incorrectly applied. | No data used to support hypothesis | ***2*** | **/8** |
| **Comparison with other Research** | Two or more academic studies mentioned, briefly explained and connected to research. | Included research only weakly connects to topic. | One example only or one example does not connect to topic. | Both included examples do not connect to topic. | No other studies mentioned or connected. | ***2*** | **/8** |
| **Explanation of Findings** | Possible reasons for results explained thoroughly and supported. This includes adjustments that had to be made along the way. | Results not thoroughly explained. | Results explained, but explanations partially incorrect. | Results explained, but explanation almost totally incorrect. | No explanations offered | ***1*** | **/4** |
| **Recommendations for Future Research** | Two or more recommendations for extension or elaboration of research based on findings. | Recommendations are only weakly connected to research. | One of two recommendations are not connected to research. | One non- pertinent recommendation given. | No recommendations offered. | ***1*** | **/4** |
| **Formatting** | Paper is typed, double spaced, with 12 pt. font, 1 inch margins and APA style in-text citations, written in the third person, in passive voice | Two or more formatting mistakes present | Three or more formatting mistakes present | Four or more formatting mistakes present | Five or more formatting mistakes present. | ***0.5*** | **/2** |
| **Spelling and Grammar** | Paper written following guidelines of professional writing. | Two or more formatting mistakes present | Three or more formatting mistakes present | Four or more formatting mistakes present | Five or more formatting mistakes present. | ***0.5*** | **/2** |

**Final version of Conclusion paper, Abstract, & Title page: Due February 7th, 2019**

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| **Component** | Points Possible | Points Earned |
| **Title Page**  --Formatted in APA style  --Running Header included | 2 |  |
| **Abstract**  --250 words or less.  --Concise summary of your project that includes the problem, thesis, procedures, and main results.  --Basically, this tells **what** you did, **how** you did it, & **what** your results were. | 5 |  |
| **Conclusion**  --See scoring rubric on previous page & guidelines below. Also posted on GC. | 40 |  |

**Additional Guidelines for the Conclusion section**

In this section you tell why you got the results your data suggests. What does the data mean! You draw any conclusions about what your data suggests here, and you discuss the significance of the data. Describe patterns and relationships that emerged. It is also very important to explain how any changes to or problems with the experimental design/procedure may have affected the results.

A. Restate the purpose of the study and the major findings. Focus on interpretation of the results. Compare findings with other research (for research paper only). Propose explanations for discrepancies. Give detail to the success of the experiment and the source of any error that may have been involved.

B. Give recommendations for further study.