The research plan should be a detailed description of how you are going to conduct the experiment. Another person should be able to pick up your research plan and conduct the experiment exactly how you were going to do it. You will not be allowed to proceed to data collection until you have an approved research plan with Ms. Speers.

The most common mistake with research plans, is not included enough detail in your procedure. Every step in exacting detail needs to be included. You should be able to hand your procedure to someone else, and have the experiment done exactly as you will do it. If you think there is enough detail, there probably isn’t, go back and make sure EVERY SINGLE step is listed out clearly. Include measurements you are using.

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| --- | --- | --- |
| **Description or Part of Project** | **Student Earned Points** | **Total Possible Points** |
| Title and question are clear and directly related to the experiment conducted |  | 10 |
| Background research is stated and appropriate for the experiment |  | 20 |
| Bibliography of at least five appropriate sources listed in APA format |  | 10 |
| Hypothesis is accurate for experiment and in proper format |  | 15 |
| Independent/Dependent variables, experimental and control groups are identified |  | 15 |
| Accurate list of all materials used to conduct experiment |  | 10 |
| A testable, detailed procedure that another group could follow |  | 20 |
| **Total** |  | 100 |