

## STEP-BY-STEP CHECKLIST

*(Check with your teacher for dates.)*

1. Select a Research Question **date to be completed** \_\_\_\_\_  
What question would you like to try to answer through experimentation?
2. State your Purpose **date to be completed** \_\_\_\_\_  
What is your reason for asking the question?
3. Background Research **date to be completed** \_\_\_\_\_  
Conduct background research and write the Bibliography.
4. Write a Hypothesis **date to be completed** \_\_\_\_\_  
What do you think the answer to your research question will be?
5. Materials **date to be completed** \_\_\_\_\_  
List all the materials you will use in conducting your experiment.
6. Describe the Procedures **date to be completed** \_\_\_\_\_  
Describe the experiment procedure in a step-by-step sequence. Give notation to the variables and controls you use.
7. Conduct the Experiment **date to be completed** \_\_\_\_\_  
Following your procedure steps conduct your experiment.
8. Record the Results **date to be completed** \_\_\_\_\_  
Record your results in detail including all necessary graphs and charts.
9. Write the Conclusion **date to be completed** \_\_\_\_\_  
Using your results, was your hypothesis proven or disproven?
10. Write your APA format Research paper **date to be completed** \_\_\_\_\_  
This is a minimum of 3-page research paper of your project and includes your 1st and 2nd level research, research question, purpose, hypothesis, results in brief, and conclusion.
11. Acknowledgments **date to be completed** \_\_\_\_\_  
Thank the people who helped you with your project.
12. Create a Title Page and Table of Contents **date to be completed** \_\_\_\_\_
13. Create your Display Board **date to be completed** \_\_\_\_\_