

NEURON Requirements

- Title Page
 - Name, High School, Contact (email)
 - Research Topic/ Title
 - The title should describe the content and direction of your project and be short and accurate.
 - Title page should be on a separate page
- Abstract (keep it under 250 words)
 - Summarize the overall purpose of the study, the research questions your proposal seeks to investigate, methodology, and expected results. Keep this section short and concise.
- Introduction
 - What is known about your topic and what is not known? In this context, why is your research topic significant? Consider how your study builds onto existing knowledge or attempt to answer unsolved questions. In this section, feel free to cite outside resources, especially key literature sources.
- Research Aims
 - What do you plan to investigate/solve/examine with your proposed research? Provide at least 2 aims in a logical list.
 - These aims test different aspects and should be achievable. They should be only one sentence long
 - After each research aim, state your hypothesis
 - Methodology
 - How will you conduct the experiment?
 - Consider why you chose this approach over others. What are some of the limitations of your approach?
 - How will sampling, data collection and analysis be performed?
 - Materials
 - Is there any specialized Equipment/ Facilities necessary for your experiment?
 - Does the project involve human ethics, animal ethics or have safety implications? If so, what are they?
 - Timeline
 - When the project will start and conclude? What is the time frame for data gathering or analysis?
- Discussion
 - What is the expected outcome of your experiment?

- What will the results contribute to the scientific community (regardless if your hypotheses are supported or rejected)
- Do you expect any pitfalls to occur?
- References
 - All citations should be in the APA writing style as guided by the seventh edition of *Publication Manual of the American Psychological Association*.
 - In text citations should be made for any quote, or paraphrased content from external sources. Citations for those sources then should be made in the references section.
 - Visit https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html for more information.
- Format
 - Paper should be in 12 times new roman font, double spaced, and include headings for each section. All in text citations must be in APA
 - Word limit 1750 words