**Citrus County Regional Science and Engineering Fair (RSEF)**

**Research Plan Template**

**Protocol Project – Human Participants**

Any student wanting to participate in the Citrus RSEF must read and follow the International Science & Engineering Fair(ISEF) Rules, the State Science & Engineering Fair (SSEF) of Florida Rules and the Citrus RSEF Rules. Please pay attention to the additional requirements needed for a human participant project. Read pages 8 -10 in ISEF Rules and page 5 in FL SSEF Supplement All paperwork needs to be approved prior to any experimentation.

Be sure to document all sources used to complete this plan. You will need it for the bibliography at the end.

**RATIONALE** (*Explain the reason you want to do this specific project. Include a brief synopsis of the background that supports why you choose this topic. Explain why this research is important scientifically and explain any societal impact and application of your research.)*

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**HYPOTHESIS or ENGINEERING GOAL** *(Prediction of your outcome -or- What you are building or improving: How is this based on the rationale described above?)* You only have to do one of these.

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**PROCEDURE** *(Detail all procedures and experimental design including methods for data collection and all materials. All measurements should be in metric units. BE SPECIFIC ON EVERYTHING) Human participant research plans should include: a description of the participants and how they will be recruited; a description of how the privacy of the participants will be protected; an explanation of how informed consent will be obtained; and a description of any possible risk that participants could be placed in. Be sure to include copies of surveys used, lyrics of songs, copies of videos shown or whatever activity the humans are asked to participate in.*

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**RISK & SAFETY** *(Explain every aspect of the experiment that could be classified as a risk, and explain the precautions you will take to minimize all risks.)*

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**DATA ANALYSIS (***Describe the procedures you will use to analyze the data/results that answer research questions or hypothesis)*

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**DISCUSS OF RESULTS** *(What does the data need to illustrate to prove or dis-prove the hypothesis to determine the conclusion.)*

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**BIBLIOGRAPHY** *(List at least five (5) major references (e.g. science journal articles, books, internet sites) from your literature review. Your sources should include information about the protection of human subjects. Include the ISEF Rules and SSEF of Florida Supplemental Rules, for a total of 7 references. Citation style should be in APA or MLA)*

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