

Project Summary Document

Project Title:

Project ID:

Inspiration

What was the **inspiration** for your project? How did you come up with your topic? Please describe if there was a personal experience, challenge or individual(s) that inspired your choice of this project. If your topic was assigned or you got your project idea from an external source, what was the source? How did you make it original?

Hypothesis or Design Criteria

What was your scientific **hypothesis** or engineering **design criteria**?

Impact

Who or what does your project **impact** and/or benefit?

Details

What was your research question? For engineering projects: what was the human need or problem you wanted to solve?

Procedures

1. What data did you collect and how did you collect the data? For engineering projects, how did you build your design?
2. How did you test your hypothesis or, for an engineering project, determine whether your solution was effective? Your response should explain the variables in your experimental or engineering design, including how you controlled for any that could interfere with your interpretation of results. You may reference figures, tables, and/or images from your display.

Data

How did you analyze and interpret your **data**? Use this section to write about the process of analyzing and interpreting your data. What were the results of your data collection? Did you notice any patterns in the data? Did you use any statistical methods or special analysis? For engineering projects, this question still applies. *You may reference figures, tables, and/or images from your display.*

Conclusions

What conclusions did you reach*? How does your data support this conclusion? Describe any limitations you had in your study and how that might have affected your results. What questions or problems arose that you were not expecting?

Changes

How did you, or would you in the future, adjust your experimental design or your engineering design process to address these problems?

Next Step

If you choose to continue exploring this topic, what would be the next step?

Favorite

What was your **favorite** part of working on your research project? What did you learn about yourself from this experience?*

Tables / Graphs / Images

You can include tables, graphs and images that are key to your project. Limit of this page only.