

## PURPOSE

- Why are you doing the experiment?
- What did you observe in the world that made you ask your question?
- What made you curious?

## QUESTION/PROBLEM

- What are you trying to figure out?
- What problem are you trying to solve?

## HYPOTHESIS

What do you think a likely answer or solution to your question/ problem could be? Why?

## VARIABLES

## INTRODUCTION

What have others said about the topic of your inquiry?

How does this research influence how you will approach your project?

Have others done this experiment before?

How will your project further the research and experimentation that has already been done?

Three paragraphs explaining your topic and should include research information. Make sure it is properly cited.

Written as a question.

# Project Title

A good title attracts attention, but also gives information about the project.

YOUR NAME  
PROJECT CATEGORY

## ABSTRACT

Provide a concise paragraph summary of your project including: purpose, hypothesis, procedures used, data summary or analysis, and conclusions.  
250 words maximum

## MATERIALS

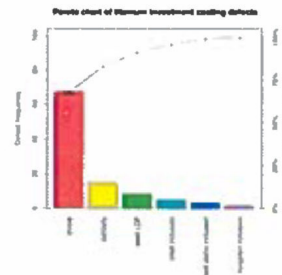
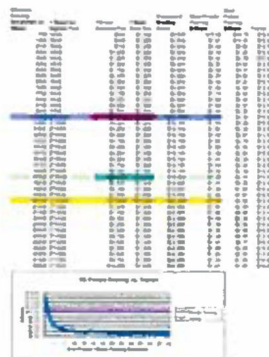
Record everything you use for your project. You do not include the materials for the board.

## PROCEDURE

Record the steps you did during your experiment. Make sure others can follow them.

## DATA

Visually communicate your data in the format that matches the type of data you collected. You can show both raw and interpreted data. For example: spreadsheets, photos, diagrams, charts, maps, graphs, models, etc.



## (Optional)\*

Write down everything you do from start to finish for your project. Do not include preparing the board. Journal should be hand written and authentic. Be sure to have your journal on display with your board.

## ANALYSIS

This is a summary of results from the experiment.

Explain your Data, Photos, Charts, Graphs and models in paragraph form.

## CONCLUSION

Restate hypothesis  
Describe your observations: before, during & after the experiment  
Summarize your research  
Describe your experiment  
Explain and justify your conclusion with your data and observations.  
C.E.R. (Claim, Evidence, Reasoning)

## NEXT STEPS/REAL LIFE APPLICATIONS

What new questions do you have as a result of your inquiry?  
What are some ideas for future research?

## REFERENCES