

PURPOSE/NEED

Identify what you want to construct and identify its purpose. I want to design and build _____. The purpose of this project is to _____.

RESEARCH

Research 3 or more sources on on your topic.

-How is this problem currently being addressed?

-What is currently on the market to fill this need?

-Has someone previously tried to fill this need or solve this same problem?

Write a paragraph for each source summarizing what you've learned.

DESIGN REQUIREMENTS

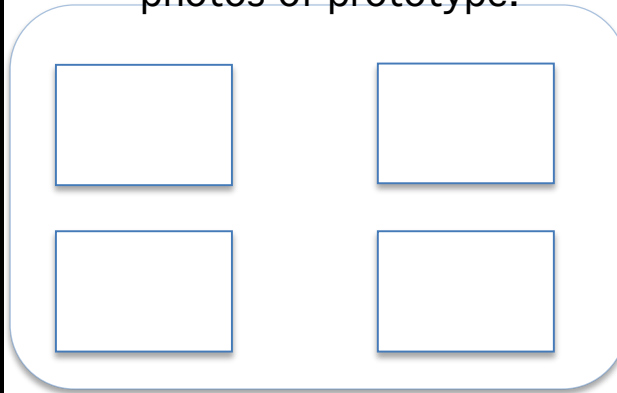
Set parameters/requirements for your project. Shape? Size? Weight? Physical features? Cost? Time? Etc.

***Be sure to attach your journal**

TITLE

Title- Title of your invention.

Progression of illustrations + photos of prototype:



MATERIALS

1. _____
2. _____
3. _____

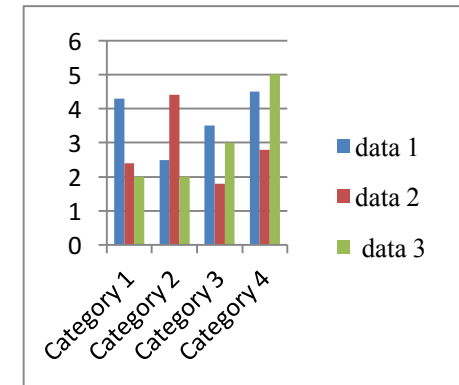
PROCEDURE

These are the steps I took to build my prototype.

1. First, _____.
2. Then, _____.
3. After that, I _____.
4. Following _____, _____.

*Be very descriptive. Your procedure will have several steps.

RECORD RESULTS/ANALYZE DATA



-Data and charts will vary. Create graph(s) or chart(s) that show the results of your testing.

-Write down detailed observations and record data that you are trying to measure. Test the prototype 2 or 3 times for accuracy.

CONCLUSION

Explain the value of the project and how it can be applied to everyday life. Summarize the learning by answering several of the questions in the science packet.

