

Inventor's Journal



Name: _____

Brainstorming

Brainstorm your ideas for your invention below. Please include illustrations or prototypes of your ideas.

Final Idea

Explain your final decision for your invention. Give some information about how it is a creative solution or innovative idea.

Research

Do some research to show that you learned something new about the topic of your invention. You need to provide evidence that your invention is an original idea or brand new product. Please document the resources you used or people you talked to for information (talking with experts, searching the internet, interviewing friends and family, etc.). You can attach print outs of any research as well. ****If your idea has been done before, how is your approach different and better?***

What did you learn about the TOPIC that relates to your invention?

This is where I researched to see if my idea was new. Include print outs of your research, if possible.

1.

2.

3.

Document any similar inventions you found, describing how yours will be different:

Goal of your Invention

Please write about the goal of your invention. What is it you hope to accomplish by creating your invention? What is the problem you are trying to solve? What is the purpose of your invention? ***REQUIRED ELEMENT ON THE DISPLAY***

How Does It Work?

Please explain how your invention works. Give as much detail and explanation as you can. ***REQUIRED ELEMENT ON THE DISPLAY***

List of Materials/Resources

The materials you purchase for your project must not exceed \$25. You may use any materials you have from home to create your project and they do not count towards the \$25 limit. Please write down anything you purchased and provide a total of the cost of your project. Write down any materials you borrowed or repurposed. Also, list any help you received from ADULTS.

Steps in Creating your Invention

Share the process you went through in creating your invention. If you make something, write about all the steps you went through to make it and who helped you. List all the steps you went through to create your invention, including making the model or actual invention and creating the display. Also include anything you did that didn't work when you tested it out, any redesigns you needed to do or any improvements you made.

Name your Invention

Brainstorm names for your project and possible logos to go along with it. Make a final decision and design an advertisement for your invention. ***REQUIRED ELEMENT ON THE DISPLAY***

Blueprint of your Invention

Draw a blueprint of your invention. Please label the parts of your invention. Include as much detail as you can in your blueprint. ***REQUIRED ELEMENT ON THE DISPLAY***

Bonus: Analysis of Potential Effects

Does your invention have potential effects on the world, including the environment and society? Include both positive and negative effects. Explain the market potential of your invention. Who would purchase your invention? Where would you sell it? What new technology, if any, still needs to be invented before the idea can be a reality?
