

**Display Board Plan-NOT A DETAILED PLAN**

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**Include:**

1. Section called “Problem”

Describe the problem you identified. How did you get your idea? Show results of an interview of students or merchants that prove your invention is needed. This is important **you need to prove that your invention is needed!** Show pictures of you interviewing and/or describe what you did, with some quotes of what they said, or a summary of the results.

2. Section called “Purpose”

How will this invention solve the problem you identified? How will it improve the life of others?

3. Section called “Research”

Describe what you did to research the invention, where you looked, and what you found. Must show you searched for these 3 required sources; Google Patent \*, business contact by phone or in person, and 3<sup>rd</sup> source of the student’s choice.

What was the closest thing you found to your invention?

Describe the details of what was discovered when you researched each source.

What did people say when you asked?

4. Section called “Originality”

List the similar items (pictures are better) that you found in your research and describe how yours is better or different. Describe how your invention is better, unique, or different than each one you found.

5. Section called “My Invention”. (1) Draw picture of your invention with each part labeled and a size given. See wiki for an example. (2) Clearly tell and show how invention works. Have the model exactly like it would be so judge can see it will work or a video of it being used. If production model will be made with different materials describe what it would be made of. (3) Tell or list the materials with an estimate of the cost of the product. Show what modifications you made to make it work better.

6. Section called “Design and Building Process” Show in pictures your progress in the invention, how you made it. Describe any adjustments you needed to make. Make sure you detail your testing. How did you test it, how many times did you test it, who saw observed it.. Again pictures or video of this seals the deal!

7. Use bright colors, watch out for too much “white space”, use background complimenting colors to accent your sections. Type the information on a computer to make it look better.

8. Be careful when you write. Any writing must be neat and legible. If possible type it out and enlarge the font so it is easier to read.

9. Pictures! Pictures! Pictures!

Space is really 24” x 24’ it is tight! No electricity!

Make sure you have your inventors log filled out before hand!