



## My Invention Research (Grades 4-8)

### Part 1: Starting to Make Plans

Now that you have an idea for your invention, you must determine if it meets certain standards. You may not be able to complete each question now, so use it as a guide and complete it as you continue to conduct research.

Is My Idea...	Yes	No	Needs Improvement
Going to work? Can you draw or build a model?			
New and original, or an improvement on an existing invention? (Research by asking others, checking the library, and calling stores that would sell your product.)			
Creative and unusual?			
Useful to all age groups?			
Cleverly named?			
Too complex?			
Too simple?			
Designed to improve the environment?			
Easily damaged?			
Made from recycled materials?			

## Part 2: Researching Your Problem & Invention Idea



**Record** the results of your research here. Be sure to add this to your **YIP Inventor Journal** to document all of your work.

**Notes from Internet Research:**

**Notes from Library Research:**

**Notes from Interviews with People:**

## Part 3: Let's Go Shopping



Before you can say you have an invention, you need to look at what is already in stores. You can visit stores or go to online stores to look up products. Ask an adult to help if needed.

### Keywords!



Write down 5 key words to describe your invention. Use these words when doing your search.

- 1.
- 2.
- 3.
- 4.
- 5.

### Shopping Sites



With an adult, go to Amazon.com or Target.com to begin a search for products that already exist. How are these products similar to your invention? Do not be discouraged if your idea already exists; instead think about how your idea is or can be different from or an improvement to the existing product.

- Type in your keywords. Search.
- Look over the products that come up. Click on items that might be similar to your invention to learn more.
- Record your findings.

Products that relate to my invention:

Draw what you see:

How is this like your invention?

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How is your invention different?

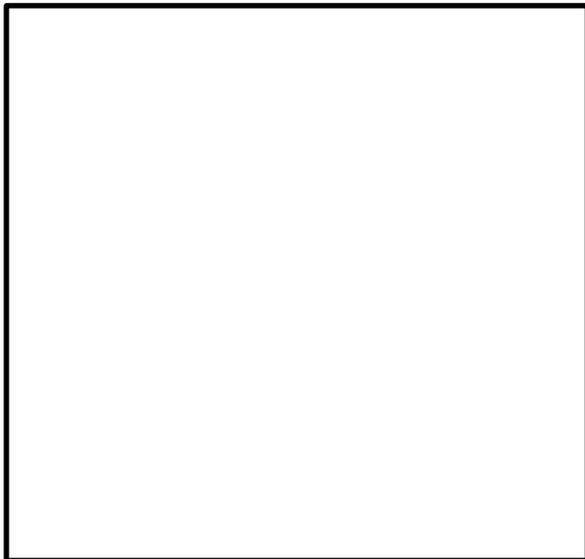
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Draw what you see:



How is this like your invention?

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How is your invention different?

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Search other shopping sites too! The more you know the better your explanation will be. Be sure to record this information **YIP Inventor Journal**.