

## What do I research?

1. Has my invention idea been created before?
2. Find two products that are similar (but not identical) to my invention idea.
  - \*Include in notes:
    - a. Product name
    - b. Description of product
    - c. Similarities and differences from your invention
3. Research the appropriate materials you will need to use for your prototype.

\*You must use at least **TWO** different sources to find information about products that may be similar to your idea. (Begin thinking about how you will make sure your design is different from similar products you find in your research.) We suggest using the “Google Patents” website as one of your sources. This site includes sketches and detailed notes about patented inventions. You may include more than two sources if you would like. (If you need additional space, feel free to write on the back of the pages in your logbook.)

Some websites you may want to try searching are:

homedepot.com

petsmart.com

sportsauthority.com

linensandthings.com

sharperimage.com

brookstone.com

sears.com

officedepot.com

amazon.com

Make notes of the information you find using the graphic organizers on the following pages. Then, use your notes to write a summary report sharing what you learned about similar products. You should create a different paragraph for each source you include.

## Research Notes

<b>Search Words used</b>	
<b>Reference/Source</b> (List the SPECIFIC website address.)	
<b>Name of Product</b>	
<b>Describe the Product</b>	

<p><b>Explain how this product is similar to your invention.</b></p> <p>(You may think about the materials it is made of, its appearance, size, durability, cost, comfort, etc.)</p>	
<p><b>Additional Comments or Notes</b></p>	

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<b>Additional Comments or Notes</b>	



## Materials Research Notes

<p>Search Words used</p>	
<p>Reference/Source (List the SPECIFIC website address.)</p>	
<p>Name of Material(s)</p>	
<p>Describe the Material(s)</p>	
<p>Explain how this material is appropriate for your invention</p>	

<p><b>Additional Comments or Notes</b></p>	
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## Research Summary Report

Use your notes to write a summary report sharing what you learned about similar products and materials you will use. You should create a different paragraph for each source you include.

- How is your invention different or better than similar products you researched? For example, your invention might be different in shape, size, appearance, comfort, materials needed, durability (how long it will last), cost to manufacture, or how it is used.
- Why did you choose these materials?