

Searching the Internet for Academic Research



Name _____

Teacher _____

Period _____

Imagine you are studying astronomy in your science class, and you have been assigned a research project on the topic of the images from the upgraded Hubble telescope.

Open Google Advanced Search.

1) In the first box, "**all these words**" type: → → → **astronomy**

Number of results - _____

2) Click the Back arrow and limit your search by typing in the second box "**this exact wording or phrase**": → **Hubble telescope**

Number of results - _____

3) Limit the **domain** by including only educational sites. To complete this, scroll down a little and type→ in the box titled "**site or domain**"

.edu



Number of results - _____

4) Narrow your results further by **terms appearing:** **in the title of the page** and then limit your "**file type**" to: **PDF**

Number of results - _____

5) Click on one of the sites listed. Copy the URL for this site to find a similar site. (make sure it is a **website**)

Navigate to the regular Google search page. To find a similar site, type in **related:** and then paste the URL you just copied and hit enter.

Number of results - _____

(This method is a great way to expand your academic research)



More Practice:

Imagine you are looking for statistical research on the eating disorder, bulimia nervosa, using Google Advanced Search.

In the first box, type in → **eating disorders** Number of results - _____

Go back & in the box "this exact wording or phrase", type→ **bulimia nervosa** Number of results - _____

Go back and in the box titled "any of these words", type → **statistics** Number of results - _____

Go back and limit "domain" to **.gov** Number of results - _____

This will give you reputable, government statistical research on the eating disorder, bulimia. Click on one of the sites and find a similar site, just like you did in step #5.

Number of results - _____

Click on the back arrow until you get to your Google Advanced search and limit by file type **PPT**

Number of results - _____

Senior Project Application

Now, use these advanced search techniques to research a possible topic for your senior project paper. I suggest you choose only .gov and .edu sites at this point. Write down the URL for sites that you think may be valuable. Once you find a good site, be sure to complete a "Find pages similar to the page" search to expand your research.

Topic - _____

Websites: (If you choose to save your links elsewhere, send a list of these sites to Mrs. Forbes for credit)

Google Scholar

Let's take a look at helpful features in Google Scholar. <http://scholar.google.com>

Google Scholar gives you access to scholarly research. Conduct a search in Google Scholar. I suggest you search for your senior research paper topic.

Number of hits: _____

Look at the bottom of one of your search results.

How many places have cited this research? _____

Click on "Related Articles". How many articles were related to your search result? _____

Click on "Cite" and write the MLA citation for this piece of research:

Finally, create a Google Scholar Library for yourself. Conduct research for your topic, and start saving research articles in your Library. You may also consider creating a Google Scholar alert for your topic. If you sign up for this feature, Google Scholar will email you any new scholarly articles that become available on your topic.

