

## Section 2 – Using Search Engines

TEACHER – have students watch video

WATCH

Link 2 - Why isn't Google always the answer to a search?

[http://www.youtube.com/watch?v=N39mnu1Pkgw&safety\\_mode=true&persist\\_safety\\_mode=1&safe=active](http://www.youtube.com/watch?v=N39mnu1Pkgw&safety_mode=true&persist_safety_mode=1&safe=active)

TEACHER – Print and pass out the Handout on the next 2 pages and discuss

TEACHER AND STUDENT – Use handout to for a discussion on the kinds of search engines and databases to use to find specific kinds of information.

***I need help to define my topic...***

I need a topic	<a href="#">Clusty.com</a> to brainstorm using clusters <a href="#">Social issues</a> browse hot topics and pro/con links <a href="#">Google directory</a> subject tree
I need to investigate alternatives or related topics	BING use related clusters <a href="#">Clusty</a> use related clusters
In need to refine and narrow my topic	<a href="#">Ask.com</a> use “narrow your search” <a href="#">Surfwax</a> use focus to id similar, broader, narrow topics

***I need to find quality results...***

Authoritative sites chosen by an expert	<a href="#">Librarians' Internet Index</a> search by database or subject <a href="#">Virtual LRC</a> click on subject, then search by terms <a href="#">Google Scholar</a> <a href="#">Blue Web'n</a> teacher edited websites now <a href="#">Ask Scott</a> Librarian edited research portal
Primary sources	<a href="#">American Memory</a> Library of Congress Project <a href="#">Ready, 'Net, Go!</a> Worldwide archival index <a href="#">Calisphere</a> California Primary documents

***I need to do research in a specific discipline...***

Government	<a href="#">USA.gov</a> “Government made easy.” USA only <a href="#">Other Gov't publications</a> <a href="#">Directgov</a> UK government data/info/research <a href="#">CIA Factbook</a> facts for geography and govt
Science, engineering, technology	<a href="#">Scirus</a> Web portal of web/databases for science related topics only <a href="#">Nat'l Science Digital Library</a> National Science Foundation (NSF)'s online library of resources for science, technology, engineering, and mathematics education and research. <a href="#">Intute</a> UK administered website for education and research topics (...ac.uk indicates UK education domain)
Health and life sciences	<a href="#">Fealth</a> Search engine for health topics only <a href="#">NIH.gov</a> USA gov't website on health topics
Arts and humanities	<a href="#">Intute</a> <a href="#">Stanford encyclopedia</a> academic web portal for philosophy including behaviorism, Aristotle, Plato and others

***The timeliness of information that I need is...***

Today	<a href="#">Google news</a> updated every 15 minutes RSS feeds to <a href="#">igoogle</a> or <a href="#">netvibes</a> <a href="#">Newsnow</a>
Recent	Yahoo news World news network
Historical	<a href="#">American memory</a> <a href="#">lii.org</a> <a href="#">digital history</a>

***I need a specific type of media...***

Maps	Google maps Mapmachine American factfinder maps
Fine art	<a href="#">Artcyclopedia</a> <a href="#">Intute</a> : arts and humanities subject Art image browser managed by University of Michigan
Speeches	<a href="#">American rhetoric</a> managed by University of Texas <a href="#">History and politics out loud</a> managed by Northwestern University <a href="#">American memory</a> Your local library
Quotations	<a href="#">Bartleby</a> <a href="#">Quotations page</a> watch out for pop-ups <a href="#">Quoteland</a> Your local library
Dictionary/thesaurus	<a href="#">Yahoo reference</a> <a href="#">Wordcentral</a> Your local library

***Some of the best search engines are not yahoo and google, then again some are just awful.***

<b>BEST</b>	<b>WORST</b>
Clusty.com	Msdewey.com (too animated, too narrow)
Dmoz.org	Goodsearch.com (too narrow)
Altavista.com	
Dogpile.com	
Sweetsearch.com	

***Different types of research sources included databases and are not search engines:***

Calisphere	Database operated by UC Berkeley
Librarians' Internet Index	Database of websites chosen by librarians
BlueWeb'n – now known as Knowledge Network Explorer	Database collection of teacher chosen websites
Infomine	Database of scholarly journals, research and primary sources