

Web Search Strategies

Where and How do I find it? Directories or Search Engines?

Directories...

- Maintained by humans
- General or Subject Related
 - [Yahoo](#)... General
 - [Elementary Educational Internet Projects](#)... http://user.icx.net/~campbelld/elementary_projects/ Subject Related
 - [Library Spot](#) <http://libraryspot.com/> is a virtual library resource center for educators and students.

Search Engines...

- Maintained by computer program that searches the web and collects data
- More inclusive than directory
- Keyword searchable

Before you search...

- Identify concepts within your topic
- Identify terms related to those concepts
- Consider synonyms and variations of those terms

Become familiar with search engines

Size of the database

Search features

Result list features

Online help screens

Google <http://google.com>

- Size: 1,060,000,000 URL's
- Simple and advanced searches (Boolean and truncation)
- Result ranked by relevancy
- Online instructions and user options

Boolean Searching:

Science **and** Lesson Plans Returns pages with *both* terms.

Science **or** Lesson Plans Returns pages with *either* term.

Science **not** Lesson Plans Returns pages with one term but *not* the other.

Truncation Searching The ability to enter part of a word to make sure you retrieve documents that contain all parts of that word. **Example: teach* will yield teach, teacher, teaching**

- Stated differently in different search engines

- Broadens your search

Alta Vista <http://www.altavista.com/>

- Size: 31 million URL's
- Simple and advanced searches ([Boolean](#) and [truncation](#))
- Result ranked by relevancy
- Online instructions

Excite <http://www.excite.com/>

- Size: 50 million URL's
- Only Simple options at first screen
- Result ranked by relevancy
- Allows Boolean searches

Lycos <http://www.lycos.com/>

- Allows searching for Sounds, Pictures, the Top 5% (their opinion), books, and personal homepages
- Result ranked by 10, 15, 20, 30 or 40 per page.
- Provides Boolean searches

201 million average daily page views worldwide

Infoseek <http://www.infoseek.com/>

- Size: 50 million URL's
- Provides use of double quotations ("-") around words that must be searched together or capitalize to find a phrase.
- Refines a search with a "Search only these results" option.

HotBot <http://www.hotbot.com/>

- More than 110 million Web documents
- Provides for keyword search by "all the words", "any of the words", "exact phrase", "the person", "links to this URL" and "Boolean expression".
- Refines advanced queries, like "Date" - which limits your search to "last week", "last 2 weeks", "last month"

Parallel Web Search Engines

Parallel Web Search Engines are search engines that do not maintain their own database, but search other search engines to bring results.

Dogpile <http://www.dogpile.com>

Mamma <http://www.mamma.com>

Ask Jeeves <http://www.askjeeves.com>

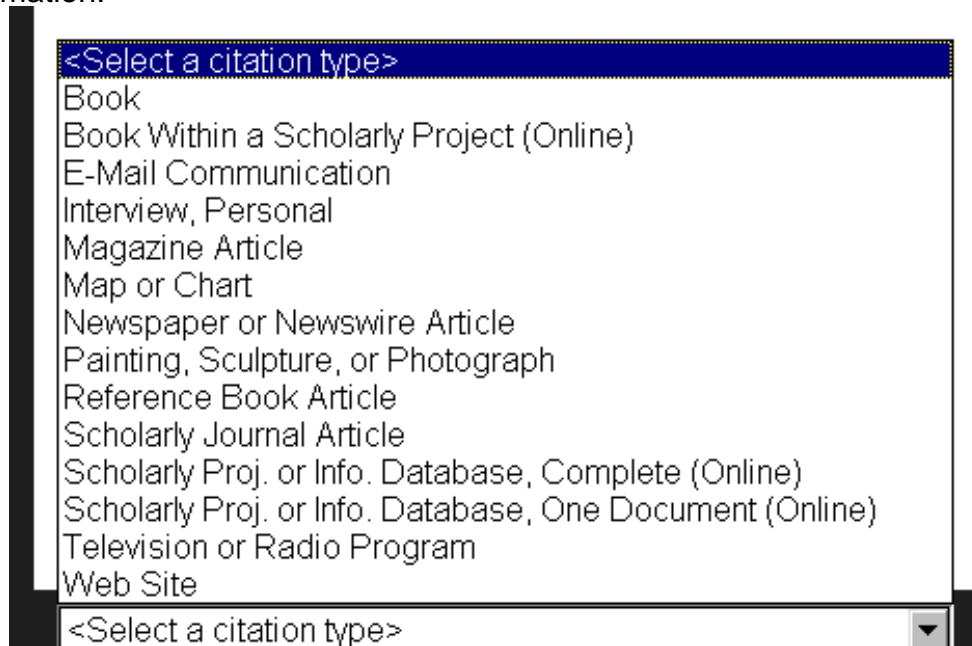
Metacrawler <http://www.metacrawler.com>

All 4 One <http://www.all4one.com>

Special Search Tools

Noodle <http://www.noodletools.com/noodlebib/index.html>

This tool provides assistance in correctly citing your source in research. At the bottom of the screen click the type of source and provide requested information.



Rhyme Zone <http://rhyme.lycos.com/>

Type in a word to find its rhymes, synonyms, and more.

Translators

•**Translate Speech Alta Vista Translator**

<http://babelfish.altavista.com/translate.dyn>

•**Free Translation** <http://www.freetranslation.com/>

•**Foreign Languages for Travelers** <http://www.travlang.com/languages/>

Virus Information Search <http://vil.mcafee.com/default.asp?>

People Searches http://207.125.93.3/tutorials/surf_up.html#People

Food Finder <http://www.olen.com/food/>

Children's Search Engines

Yahooligans <http://www.yahooligans.com>

Ask Jeeves for Kids <http://www.ajkids.com>

Kids' Nook <http://www.kidsnook.com/>

Kids Search Tools <http://www.rcls.org/ksearch.htm>

Awesome Library <http://www.awesomelibrary.org/>

Software Search Engines

Filez <http://www.filez.com>

Cnet <http://cnet.com/cdoor/0,238,1017,00.html?sn.cn.fd.lftnav.Downloads>

Softseek <http://www.softseek.com>

Shareware <http://www.shareware.com>

Lycos <http://richmedia.lycos.com/>

Images and Sounds Search Engines

Lycos Multimedia select pictures or sounds <http://richmedia.lycos.com/>

Mamma Select images or audio on search page. <http://www.mamma.com>

AltaVista Images <http://www.altavista.com/r?L10>

AltaVista Audio <http://www.altavista.com/r?L11>

Visit JCS Search Engines (<http://208.183.128.3>) with links to an endless variety of search engines and online reference tools.

Teachers Search Engines <http://208.183.128.3/search.html>

Search Engines for Kids <http://208.183.128.3/kidsearch.html>