

Mr. Schmidt “Scientific Research” Project

- Space travel and aliens
- Genetic engineering/cloning
- People with special abilities/powers
- Current and potential future technologies
- Time travel

Step #1: Books & Magazines

Book Title	Call Number
Beyond Star Trek	001.9 Krauss
Unexplained	001.94 Clark
The Science of UFOS	001.942 Alschuler
Almanac of Alien Encounters	001.942 Elfman
At the Threshold	001.942 Emmons
Into the Unknown	133 Bradbury
Strange But True	133.108 Kenner
Babies by Design	174.2 Green
Enhancing Evolution	174.2 Harris
Smart Mobs: Next Social Revolution	303.483 Rheingold
The Technology Revolution	303.483 Swisher
Dilemmas in Modern Science: Technology	303.483 Turney
Bursts	303.49 Barabasi
Demon-Haunted World	501 Sagan
Visions: How Science Will Revolutionize the 21 st Century	501.12 Kaku
Virtual Reality	501.13 Rheingold
The Fabric of the Cosmos	523.1 Greene
A Brief History of Time From The big Bang to Black Holes	523.1 Hawking
A Briefer History of Time	523.1 Hawking
Cosmic Time Travel	527 Parker
The Physics of Superheroes	530 Kakalios
Physics of The Impossible	530 Kaku
Breaking The Time Barrier	530.11 Randles
Kinetic and Potential Energy	531.6 Viegas
Light Years and Time Travel	535 Clegg
Packing For Mars	571.091 Roach

Flesh and Machines	629.8 Brooks
Spying With Maps	621.389 Monmonier
Robots, Androids and Animatrons	629.8 Iovine
Robotics	629.8 Thro
Ramblin' Robots	629.8 Wickelgren
Space 2100	629.4 Abrams
America in Space	629.4 Baker
Exploring Space	629.4 Carlisle
To Rise From Earth	629.4 Lee
Journey Into Space	629.4 Murray
Designs On Space	629.47 Wagner
Journey Beyond Selene	629.43 Kluger
Beyond	778.35 Benson

Magazines (Use EbscoHost for article index or browse those on back tables)
Discover
Game Informer
Popular Science
Scientific American

Step #2 Databases

Use journal articles and materials from the library's databases at <http://lhwildcats.org/library>

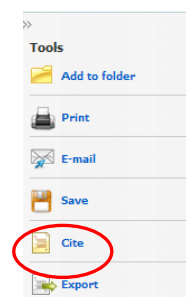
EbscoHost

Login: libertyville

Password: wildcats

Areas to Use: Magazine, Newspaper, Health, Images, Bios, etc.
Click on "select all." Do a basic search but be sure to check the "full text" box. Click the 'sort by' to **relevance**.

Citation: Use the fifth icon that says "cite" that is on the right-hand side of the page under "Tools".



FirstSearch:

User Name: 100107316

Password: wildcats

Areas to Use: Click on “Articlesfirst” in the upper, left-hand corner. Restrictions can be placed on the years to 2010 or 2011, for example, for the most current information.

Citation: The citation information is done and found under the tab “External Resources: Cite This Item.” Select the proper form. See the illustration below.

The screenshot shows the SILC interface for Libertyville High School Library Media Center. The main content area displays an ArticleFirst record for 'Key Statistics for Health Care Reform' by Parker, Robert P. The record includes the source 'Business economics : the journal of the National Association of Business Economists', volume 44, no. 4, (2009), 229 (7 pages). The 'External Resources' section is circled in red, showing a 'Cite This Item' link. The 'Availability' section is also circled in red, showing options to check catalogs, borrow from another library, or borrow from an interlibrary loan.

Gale Resource Center:

Login ID: wildcats

Areas to Use: Select the “Global Issues in Context or US History in Context”. ” Do a basic search. Select an appropriate tab “News”, “Magazines”, “Primary Sources”, etc. Sort by date or relevance.

Citation: Information is at the end of the article. Be sure to place it in the correct MLA format. Or click on the “citation tools” in the “Tool” bar on the right-hand side. Select the MLA 7th edition—follow directions.

The screenshot shows the 'Tools' bar on the right-hand side of the Gale Resource Center interface. The tools listed are: Bookmark, Download, Share, Citation Tools (circled in red), Email, Print, Translate, and Save.

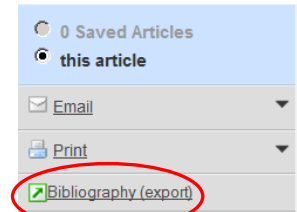
Newsbank:

Username: libertyville

Password: wildcats

Areas to Use: May click on the bold “America’s News” or a specific shortcut . Be sure to have ‘**best matches first**’ highlighted.

Citation: Click on the “Bibliography Export ” on the right-hand side and then select the “MLA Citations” button. Citation is in the 7th Edition MLA style.



Proquest History Center:

Login: libertyville

Password: wildcats

Areas to Use: Select “Proquest Historical Newspapers (graphical).” Do a basic search then click on the timeline tab at the top of the page. Be sure to click “**most relevant articles first**”

Citation: Information is at the top before the article. Citation must be created.

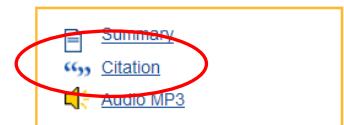
SirS Online:

Login: libertyville

Password: wildcats

Areas to Use: Do a basic search. Sort by date or view the options in the left-hand box titled “Narrow your results”.

Citation: Click “Citation” tab on the right hand side for the 7th Edition MLA style.



Step #3: Internet

Google

Use the Internet wisely. Set up a good internet search. Remember to use the “+” and “-“ symbols to narrow down the search.

For example: Time Travel
“Time Travel” +science –com

Yippy

If you need help narrowing your thesis, try the search engine, Yippy at <http://search.yippy.com/>. It clusters topics on the left-hand side that could help you search your topic.

Invisible Web Directories

They will be more challenging to use but rewarding. Topics should be general—search for “Time Travel”

Complete Planet http://www.completeplanet.com
Directory of Open Access Journals http://www.doaj.org
Freeality (select the search engines) http://www.freeality.com/international_search_engines.htm
HighWire Press: Free Online Full-text Articles http://highwire.stanford.edu/ Not all are available for free, but for many the abstract is helpful
Infomine http://infomine.ucr.edu/
Info Please http://www.infoplease.com/
Internet Public Library http://www.ipl.org
Lycos Directory http://www.lycos.com/
MagPortal.com http://magportal.com/
Pandia http://www.pandia.com/metasearch/index.html

General Web Sites

Digital Librarian

<http://www.digital-librarian.com/>

Google Headline

<http://news.google.com/>

Google Scholar

<http://scholar.google.com/>

IncyWincy

<http://www.incywincy.com/>

Virtual Library

<http://vlib.org/>

Specific Web Sites

Current Science of Time Travel

<http://www.mjyoung.net/time/science.html>

<http://www.pri.org/science/science-of-time-travel1814.html>

<http://www.independent.co.uk/news/science/the-big-question-is-time-travel-possible-and-is-there-any-chance-that-it-will-ever-take-place-779761.html>

<http://www.telegraph.co.uk/science/7904712/Quantum-time-machine-allows-paradox-free-time-travel.html>

http://www.scienceforums.net/topic/25954-possible-time-travel/page_st_20

Space Travel

http://science.nasa.gov/science-news/science-at-nasa/2006/22mar_telomeres/

<http://library.thinkquest.org/26152/>

<http://www.telegraph.co.uk/science/science-news/7935355/Stephen-Hawking-only-space-travel-can-save-mankind.html>

<http://www.eda.admin.ch/eda/en/home/topics/scien.html>

Aliens

<http://www.aerospacemuseum.org/exhibits/exhibition.php?id=2>

<http://www.guardian.co.uk/science/alien-life>

<http://www.sciencemuseum.org.uk/on-line/aliens/index.asp>

<http://www.telegraph.co.uk/science/space/8025832/UN-to-appoint-space-ambassador-to-greet-alien-visitors.html>

Super Powers

<http://www.brainskills.co.uk/Telekinesis.html>

<http://istina.rin.ru/eng/ufo/text/146.html>

<http://www.fhcrc.org/about/pubs/quest/articles/2009/03/mindbody.html>

<http://undsci.berkeley.edu/article/esp>

<http://www.telegraph.co.uk/science/science-news/8244695/Extra-Sensory-Perception-a-brief-history.html>

<http://www.upublish.info/Article/Extra-Sensory-Perception-and-Its-Relevance-to-Clairvoyance/473289>

<http://www.telegraph.co.uk/science/science-news/8142192/Humans-do-have-psychic-powers-study-claims.html>

<http://www.timesonline.co.uk/tol/news/uk/article629413.ece>

Visions of the Future/Modern Inventions/New Technology

So numerous—research needs to focus on specific topic

Robotics

<http://www.galileo.org/robotics/index.html>

<http://spectrum.ieee.org/robotics>

<http://see.stanford.edu/see/courseinfo.aspx?coll=86cc8662-f6e4-43c3-a1be-b30d1d179743>

<http://www.nasa.gov/audience/foreducators/robotics/home/index.html>