

SCIENCE FAIR

GUIDE TO PRINT AND ELECTRONIC SOURCES

Queen of Angels Academy – Library

***** PLEASE NOTE: THE LIBRARY HAS A SPECIAL BOOKCASE FOR SCIENCE FAIR BOOKS**

1. **BOOKS:**
use QAA automated catalogue and search under :
 - a) **subject:** e.g. Anatomy; Biology; Chemistry; Diseases; Experiments; Human body; Physical sciences; Physics; Science; Science – Experiments; Science projects
 - b) **author:** e.g. VanCleave, Janice Pratt.
 - c) **title:** e.g. A+ projects in biology; A+ projects in chemistry; The complete handbook of science fair projects; Experiment central; How products are made; Science fair projects

2. **ENCYCLOPEDIAS:**
 - a) Encyclopedia of earth and physical sciences REF 500.2 M35e
 - b) Encyclopedia of life sciences REF 574 E1
 - c) The Gale encyclopedia of medicine REF 616 O2g
 - d) The Gale encyclopedia of science REF 503 T69g
 - e) The Usborne internet-linked science encyclopedia REF 503 U1s
 - f) Van Nostrand’s scientific encyclopedia REF 503 C76v

3. **DICTIONARIES:**
The Usborne illustrated dictionary of science REF 500 S6u

4. **ELECTRONIC DATABASES:** (QAA Library subscribes to these)
For magazine/journal and newspaper articles use:
 - a) **EBSCO HOST:** Canadian Reference Centre; Health Source (Go to QAA Library web site and click on EBSCO icon)
For online electronic encyclopedia use:
 - b) **Britannica Online**
(Go to QAA Library web site and click on Britannica link)

5. **ASSOCIATIONS, ORGANIZATIONS, ETC.:**
 - a) **National Association of Biology Teachers**
http://www.nabt.org/sub/links_generalbio.asp
 - b) **National Science Foundation**
<http://www.nsf.gov/>
 - c) **National Science Teachers Association**
<http://www2.nsta.org/sciencesites/>

6. SCIENCE MAGAZINES AND JOURNALS:

Magazines are great for keeping up with the latest hot science topics.
Great for science fair ideas.

- a) New Scientist <http://www.newscientist.com/>
- b) Science Daily <http://www.sciencedaily.com>
- c) Science News Online <http://www.sciencenews.org>
<http://www.sciencenewsforkids.org>
- d) Scientific American <http://www.sciam.com>
- e) Links to science magazines and journals
<http://sciencepage.org/mags.htm>

7. INTERNET RESOURCES (Selected web sites)

- a) Internet Public Library - Science Fair Project Resource Guide .
<http://www.ipl.org/youth/projectguide/>
<http://www.ipl.org/div/kidspace/projectguide/>
- b) TryScience – 400 science learning institutions contributed experiments to this site.
<http://tryscience.org>
- c) The Exploratorium – online museum exhibits with hands-on activities.
<http://www.exploratorium.edu>
- d) How Stuff Works
<http://www.howstuffworks.com>
- e) Discovery School's Science Fair Central – provides project ideas
<http://school.discovery.com/sciencefaircentral/>
- f) Discovery School's Kathy Schrock's guide for educators – subject access to general science, biology, chemistry, and physics
<http://school.discovery.com/schrockguide/sci-tech/scics.html>
- g) California State Science Fair – getting started with your project
<http://www.usc.edu/CSSF/Resources/GettingStarted.html>
- h) Science Fair Project on the Web
<http://www.sciencefairproject.virtual.ave.net/>
- i) The Science Page
<http://www.sciencepage.org/scifair.htm>
- j) The Ultimate Science Fair Resource – sponsored by The Society for Amateur Scientists
<http://www.scifair.org/>

- k) **Science Fair Zone – project topics and winning projects archive.**
<http://www.sciencenewsforkids.org/articles/ScienceFairZone.asp>
- l) **Howard Hughes Medical Institute – Cool science for curious kids**
<http://www.hhmi.org/coolscience/>
- m) **Science Learning Network – has links to online science museums around the world**
<http://www.sln.org/museums/index.htm/>
- n) **Mad Scientist Library and Laboratory**
<http://www.madsci.org/libs/libs.html>
- o) **Energy Quest – Science fair projects and demonstrations about energy**
<http://www.energyquest.ca.gov/projects/index.html>
- p) **High School Ideas List – has project ideas for biology, physical sciences, etc.**
<http://www.stemnet.nf.ca/~jbarron/sh.html>
- q) **Yahooligans! – Science and nature experiments and activities**
http://yahooligans.yahoo.com/science_and_oddties/experiments_and_activities/
- r) **World Wide Web Virtual Library – Science Fairs**
<http://physics.usc.edu/~gould/ScienceFairs/>
- s) **Canada Wide Virtual Science Fair**
<http://www.virtualsciencefair.com/>
- t) **Science Fair Project Resource Guide – for students working on projects, including advice, sample projects, ideas and links.**
<http://www.rochester.lib.ny.us/science/sciencefairprojects.html>
- u) **Successful Science Fair Projects.**
<http://faculty.washington.edu/chudler/fair.html>