

Science Fair Projects Sheet

Tip

For children and parents at the library

Books and Videos

Most science project books are at the beginning of the “Q” section (general science experiments have a call number beginning with Q 164) in the non-fiction area in the main part of the library (not in the children’s room). All children’s non-fiction books have a small blue dot at the top of their spine. So, you can browse the shelves in any science subject area and find children’s titles by looking for books with blue dots.

In the computer catalog: If a book’s call number begins with “Juvenile,” the book is meant for children. However, it will be shelved with other science books in the non-fiction section of the library. From the *Search Menu*, chose *Subject*, then type in any of the following subject headings:

experiments	electricity experiments	science experiments
biology experiments	heat experiments	solar energy experiments
botany experiments	magnetism experiments	water experiments
chemistry experiments	physics experiments	weather experiments

Book Series with Science Experiments

Find these book series in the computer catalog (The Cache). Each series below has three or more titles that contain science experiments. From the *Search Menu*, choose *Series*. Then type the name of the series. Click on *Details* to see more information, including call numbers.

<i>Action science</i>	<i>Science experiments</i>
<i>Boston Children’s Museum activity book</i>	<i>Science experiments for young people</i>
<i>Discovering science book</i>	<i>Science for kids series</i>
<i>Experimental science series book</i>	<i>Science fair project series</i>
<i>Exploring science</i>	<i>Science fair success</i>
<i>Exploratorium science snackbook series</i>	<i>Science project ideas</i>
<i>Fun with science</i>	<i>Science starters</i>
<i>Hands-on science</i>	<i>Science through art</i>
<i>Projects for young scientists</i>	<i>Sensational science experiments</i>
<i>Science club</i>	<i>Simple science</i>

Some **authors** who write interesting science project books are:

Vicki Cobb, Janice VanCleave, and Bernie Zubrowski

Ask the Experts

To find a person or group of people who are experts in your subject, try going to the University of Alaska Fairbanks Experts Guide at this web site: <http://www.uaf.edu/news/experts/>
You may also try the Noel Wien Library’s Community Directory, available on the Noel Wien Library’s web site: <http://www.fairbanks.cc/>. Save this resource until last, after you

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have planned your project. The experts will not help you think up your science experiment, but they may be able to help you once you get started.

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Reference

These are some books that contain experiments you might use for a science fair project. They are in the main reference area outside the children's room, and cannot be checked out of the library. You may copy up to 10 pages **free of charge**. Borrow a copy card from the main reference desk, and return it there when you are done.

Illustrated Science Encyclopedia, Vol. 24
(middle grades)
Ref/Q/121/.R354/1997/V. 24

Science experiments on file
(grades 4-12)
Ref/Q/182.3/.S33/1989

Junior science experiments on file
(grades K-3)
Ref/Q/164/.J96/1994

Science fair project index
Ref/Q/182.3/.S34/1975

Plan ahead if you want to use this resource. It lists titles of articles and books that can be ordered through interlibrary loan.

More science experiments on file
(grades 4-12)
Ref/Q/182.3/.M67/1990

Science Experiments Index for Young People-3rd ed.
(elementary to intermediate)
Juvenile Ref/Q/182.3/.P55/2002

Nature projects on file
(grades 4-12)
Ref/QH/55/.N38/1992

World Book's young scientist
Ref/Q/121/.W67/1991

Raintree illustrated science encyclopedia
(experiments in volume 24)
Ref/Q/121/.R354/1997

Magazines and Newspapers

The children's room carries these science magazines and others:

Chickadee, Contact Kids, Kids Discover, Odyssey, and Owl.

Use the ***Children's Magazine Guide*** located near the children's magazines in the Berry Room. Look under science experiments and science fairs. Also look online at EBSCOHost (available at the library) – select *Children's Magazines and Resources (Searchasaurus)*, then choose either *Primary Search* or *Middle Search Plus* for articles and WWW links. Use the same subject headings as for books and videos.

The library has magazines and newspapers in print, on microfilm and online. The Reference Desk staff can help you use a computerized index to find articles on your subject. At home, you can access magazine and newspaper articles online from the Databases for Alaskans homepage: <http://sled.alaska.edu/databases/home.html>. Ask a librarian for details.

Online Resources (available only at the library):

Facts.com (includes the *Today's Science* database).

Grolier Online (includes the *New Book of Popular Science* - select *Projects*)

Webpages:

Interior Alaska Science Fair (<http://www.interiorsciencefair.org>)--our local science fair

American Library Association (<http://www.ala.org/ala/alsc/greatwebsites/greatwebsitescience.htm>)

DiscoverySchool.com (<http://school.discovery.com/sciencefaircentral/>)

Intel International Science and Engineering Fair (www.sciserv.org/isef)

Internet Public Library (<http://www.ipl.org/youth/projectguide>)

Janice VanCleave (<http://janicevanleave.com/>)

School Science Fairs Homepage (<http://www.stemnet.nf.ca/sciencefairs/>)

Science Fair Project Index (www.ascpl.lib.oh.us/scifair/sftp.htm)

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The Ultimate Science Fair Resource (www.scifair.org)

The WWW Virtual Library: Science Fairs (<http://physics.usc.edu/~gould/ScienceFairs/>)

www.sciencebuddies.org Project ideas as well as the Topic Selection Wizard designed to help you choose which type of science project is best for you

www.chem4kids.com Basic chemical information and links to other science related sites

www.kineticcity.com Features science experiments, games and activities

www.spartechsoftware.com/reeko Reeko's Mad Scientist Lab is full of projects and experiments

www.sciencemadesimple.com Science news, projects and articles

www.extremescience.com Explores extremes found in science

www.kids.gov Links to science related sites

www.eepybird.com Watch the Mentos and Diet Coke video here