



## Science Fair Project Online Resources Tabb Middle School Library Media Center



Need Some Information ??? Try these sites.

### GENERAL TOPICS:

#### Big Chalk – eLibrary

<http://www.bigchalk.com>

Username: 97-5430

Password: bigchalk

Click on My Products Page

Search through Encyclopedias,  
Magazines, Newspapers, and Reference  
Books online at **Big Chalk – eLibrary**

#### eHow - <http://www.ehow.com/>

Discover the expert in you.

#### Fact Monster - <http://www.factmonster.com/cig/science-fair-projects/understanding-using-scientific-method.html>

Understanding and Using the Scientific Method

#### Find It Virginia – <http://www.finditva.com>

Use your public library card ID number to access resources. Magazine articles and other helpful information can be located on this database.

#### Google Science Fair - <https://www.google-science-fair.com/en/>

Competition overview, sections for participants, teachers and parents

#### How Stuff Works/Science - <http://science.howstuffworks.com/>

Engineering, Environmental Science, Forces of Nature, Innovation, Military, Physical Science, Science Dictionary, Science Versus Myth, Space, and Transportation

#### ipl2 for Kids: Information You Can Trust - <http://www.ipl.org/div/projectguide/>

Science Fair Project Resource Guide

Provides assistance getting started, choosing a topic, completing the project, and displaying the project.

#### ipl2 Resources by Subject - <http://www.ipl.org/IPLBrowse/GetSubject?vid=13&tid=7115&parent=0>

INFORMATION YOU CAN TRUST

200 Science & Technology Resources

Subcategories are listed so that searches can be narrowed.

#### ipl2 SCIENCE FAIR Project Resource Guide Tools & Research –

<http://www.ipl.org/div/projectguide/toolsNresearch.html>

**LIBRARY OF CONGRESS** - <http://www.loc.gov/>

Search for primary sources such as audio recordings, books, newspapers, periodicals, personal narratives, photos, prints and drawings, web pages, and 3-D objects

**NASA** - <http://www.nasa.gov/>

**Science Buddies** - <http://www.sciencebuddies.org/>

Free Science Fair Project Ideas, Answers & Tools for Serious Students

**Science News for Kids** - <http://www.sciencenewsforkids.org/>

Publication of the Society for Science and the Public

**Science Projects in Biology, Natural History and Agriculture/SCIENCE TRACER BULLETS ONLINE**

**Science Reference Services/The Library of Congress** - <http://www.loc.gov/rr/scitech/tracer-bullets/bio-agtb.html>

This guide lists print sources to assist middle-school students and teachers in planning, preparing, and executing science fair projects in biology, natural history, nature study and agriculture.

**Virtual Middle School Library** - <http://www.sldirectory.com/studf/research.html>

This site is maintained by Linda Bertland, school librarian (retired).

Links include: animals, anatomy and health, chemistry, environment, general science sites, geology, plants, science fairs, space and astronomy, and weather

**What makes a good science project**

[http://www.education.com/reference/article/Ref\\_What\\_Makes\\_Science/](http://www.education.com/reference/article/Ref_What_Makes_Science/)

**World Book Online** – <http://www.worldbookonline.com> \*Click on Student

At Home Access: Username: yorkcounty Password: virginia (lower case “v”)

## BIOENGINEERING AND MEDICINE

**Research – Biomedical Imaging**

<http://bioengineering.stanford.edu/research/biomedimage.html>

## CHEMISTRY

**BBC Bitesize**

Science: Chemistry

[www.bbc.co.uk/schools/ks3bitesize/science/chemistry/index.shtml](http://www.bbc.co.uk/schools/ks3bitesize/science/chemistry/index.shtml)

The BBC's chemistry Web site for eleven to fourteen-year-olds.

**Chemical Heritage Foundation**

<http://www.chemheritage.org/discover/collections/search.aspx?q=Energy&collectiontype=>

Search online collection

**Color Matters** - <http://www.colormatters.com/>

Search this site to explore how color affects us.

**Cruising Chemistry – An introduction to the chemistry of the world around you**

[http://people.chem.duke.edu/~jds/cruise\\_chem/](http://people.chem.duke.edu/~jds/cruise_chem/)

Water, Prebiotic, Oceans, Pesticides, Nuclear Chemistry

**Rader's Chem4kids!**

[www.chem4kids.com](http://www.chem4kids.com)

An easy-to-read introduction to chemistry.

## EARTHQUAKES

**Earthquakes Science Fair Project Ideas - <http://earthquake.usgs.gov/learn/kids/?sciencefair.html>**

## ENERGY

**Department of Energy - <http://energy.gov/>**

## ENVIRONMENT

**Bureau of Land Management – Public Land Sites**

<http://www.blm.gov/wo/st/en.html>

**Environmental Protection Agency (EPA) - <http://www.epa.gov/>**

## MATTER

**All About Atoms - <http://education.jlab.org/atomtour/>**

Dig deeper into the world of matter at this interactive website from the Jefferson Lab (Thomas Jefferson National Accelerator Facility).

**The Atoms Family - <http://www.miamisci.org/af/sln/>**

Learn about the basic building blocks of matter – atoms – at this educational site from the Science Learning Network.

**Strange Matter - <http://www.strangematterexhibit.com/>**

Discover the secrets of everyday stuff. What makes up all the things around us? What makes different materials so different?

**Study Jams: Solids, Liquids, and Gases -**

<http://studyjams.scholastic.com/studyjams/jams/science/matter/solids-liquids-gases.htm>

At this site, you can follow along with videos, karaoke, quizzes, and vocabulary exercises to learn about the three states of matter.

## NEUROSCIENCE

Neuroscience for Kids - <http://faculty.washington.edu/chudler/funsciencefairprojects.html>  
Fun Science Fair Projects

## SOLAR ENERGY

Solar Energy Projects - <http://www.makeitsolar.com/science-fair-ideas/index.htm>

## SOLAR SYSTEM

NASA - <http://www.nasa.gov/>

Solar System Science Activities  
<http://www.scholastic.com/teachers/activity/solar-system-6-studyjams-interactive-science-activities>

## TECHNOLOGY

National Institute for Standards and Technology (NIST) – Metrics  
<http://www.nist.gov/pml/wmd/metric/metric-program.cfm>

## WATER

Importance of Water in the Diet - [http://people.chem.duke.edu/~jds/cruise\\_chem/water/watdiet.html](http://people.chem.duke.edu/~jds/cruise_chem/water/watdiet.html)

Oceanography - <http://www.all-science-fair-projects.com/category26.html>  
Science Fair project information

USGS Water Resources of the United States  
<http://water.usgs.gov/>

The U.S. Geological Survey (USGS) collects information needed to understand the Nation's water resources, and provides access to water data, publications, and maps, as well as to recent water projects and events.

Water Quality Science Fair Project Ideas  
[http://www.education.com/reference/article/Ref\\_What\\_Makes\\_Science/](http://www.education.com/reference/article/Ref_What_Makes_Science/)



When using Google to search for information, try putting your search term in quotation marks followed by site: edu

Your results will only be educational Web sites.

Example: **“magnets” site: edu**

## Bibliography Assistance

Use **EasyBib**: The Free Automatic Bibliography and Citation Maker to help you create your Bibliography.

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

EasyBib Write Smart.

Research BETA | Notes & Outline | **Bibliography** | Citation guide | Educator

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Cite this

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