

# Los Osos Middle School Library

## Print Resources for Science Experiments

LOMS Library has a large collection of books containing science experiments. To find one of these books, do the following:

- At one of the library's search stations, or at any computer with an Internet connection, go to the LOMS Library webpage and click on "LOMS Library Online Catalog."
- In the empty search field type in "science experiments" (actually "science exp" will get you there faster). A list of subjects will appear.
- Click on "science experiments." Take a look at the list of all the books.
- The red arrows at the top and bottom of the page will take you to additional listings.
- If a book is "IN" jot down the call number (e.g., 507.8 BIN) of the book and find it on the shelves.
- Ask for assistance if you need help with any of these steps (and/or any of the steps below).

## Online Resources for Science Experiments

### Web Path Express

Especially designed for K-12 students, this resource offers access to over 60,000 academic websites vetted by educators for their currency, accuracy, appropriateness, and other vital criteria. Included are thousands of science experiments and related information.

- At any computer with an Internet connection, go to the LOMS Library webpage and click on "LOMS Library Online Catalog."
- In the empty search field type in "science experiments" (actually "science exp" will get you there faster).
- Click on the SUBJECT icon (a big yellow "S" next to a blue and purple globe). A list of subjects will appear.
- Click "science experiments." (It should be the first one listed.)
- Click the red arrows until you find a square blue icon with the words "Internet Sites about Science Experiments" next to it. (NOTE: The listing of sources is in alphabetical order, so keep going until you get to "I.")
- When the record appears, look for "Elec. Access." Click on the blue hypertext next to "Elec. Access." (The hypertext reads, "Internet Sites about Science Experiments") This will take you to pre-approved, on-target websites.

### The Internet

Four of the best Internet resources for science fair projects are the following:

- <http://school.discovery.com> Click on "Scotch Science Fair Central."
- <http://www.sciencebob.com> Choose "Science Fair Ideas."
- <http://www.ipl.org> On left side of page, click on "Kids Space" and then "Science Fair."
- <http://www.sciencebuddies.org> Check out "Science Fair Project Ideas" and "Student Resources."

### SLO County Office of Education Technology Center (ETC) Portal

Information databases produced by Gale Cengage provide hundreds of thousands of magazine and reference articles, approved images, and other resources that could help you with your science project.

- Go to [www.etcportal.org](http://www.etcportal.org) OR choose the link titled "ETC Portal" found on the LOMS Library webpage. Log in.
- Click on the tab marked "Learning".
- Look at the list of Gale Cengage resources listed in the left column.

- Choose from the following: [Kids InfoBits](#), [InfoTrac Junior Edition](#), [InfoTrac Student Edition](#), [Opposing Viewpoints](#), or [Informe!](#) and conduct your search.
- Be sure use “Help” to learn how to craft good searches.
- Also, be sure to click on [Junior Edition’s “Toolbox”](#) to get valuable assistance.
- [Images](#) available through [Kids InfoBits](#) are especially good.
- Once you’ve conducted a successful search in the Junior or Student Edition, you may search for images on that same topic by clicking on the link near the top of the screen that says, “Click here to search Google for images.” This method uses Google’s strictest filter.

NOTE: You ARE allowed to e-mail to your home computer documents found through Gale Cengage databases. Look for the instructions listed below the found documents.

## Bibliography

**You must give credit to (that is, “cite”) every source of information you use** for your science experiment, whether it is for the research you are required to do on your variables or for simply acknowledging the source of your experiment idea. These sources include experts you consult, websites you use, and books, magazines, and encyclopedias you read.

These sources are listed alphabetically, most often by the last name of the author or expert. This list is called your “bibliography.” Bibliographies must be constructed in a particular format. Our school district uses Modern Language Association (MLA) format.

You are encouraged to use Calvin College’s interactive website [KnightCite](#) to formulate your bibliography according to MLA format. Ask for assistance with this whenever you need help.

Below is a sample bibliography.

### Bibliography

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