

## Chemistry

This Library Subject Guide is for students studying Chemistry. It will help you find books, recommended Internet links, DVDs and other resources for your assignment. You may still need help from the staff at the Information Desk to get the best results from your search. Librarians are available to help you find useful resources in the library and answer your questions.

### Finding Items on the Shelves

This subject heading list tells you where books and other materials on chemistry are kept in the library. You can use these call numbers as a guideline to browse for books. A librarian can explain how to use this list.

EXPERIMENTS	J 540.78
ACIDS	J 546.24
SOLIDS	J 530.4
GASES & LIQUIDS	J 541.3
ELEMENTS	J 541.24

### Finding Items in the Catalogue

This Guide shows you how to use the “Browse Search” function on the library catalogue. If you get stuck, ask a librarian for help. Make sure you are on the “Browse Search” menu. If you aren't sure, go to the top of the screen and click on “Browse Search”

- Go to the left-hand drop-down menu and select “Subject”.
- Then go to the right-hand entry field and type in one of the subject headings listed above.
- Click on “Search”
- A list of subject headings will be displayed. Click on an appropriate subject heading to view resources related to that topic.
- A list of titles will be displayed. To view further information about a title, click on the title. Details about the item will be displayed. Click on “View Copies” to find out which library has the book and if the book is available today.

### Recommended Web Sites

Visit “Homework Zone” on VPL’s Web site to find useful sites on this topic reviewed by librarians:

- Go to [www.vaughanpl.info](http://www.vaughanpl.info) and click on “KidZone”
- Select “Homework Zone”.
- Select “Homework Links”.
- Choose “Links by Subject”, and then choose “Science and Technology”.
- Click on “Energy and Control” or “Matter and Materials” to bring up a list of recommended sites.

## Other Useful Guides

Use these other Guides to help you find materials in the library:

- **How to Find a Book**  
Explains how to use an item's "Call Number" to find where it is kept on the library's shelves.
- **Words Librarians Use**  
Explains some of the terms you will come across in the library.

## A Short List of Books in the Library

There are many more books in the library on this topic than are listed here. Use the catalogue to find more, or ask a librarian for help.

### **Carbon**

by Brian Knapp (J 546.681 Kna)

Available at: BC, MA

Suitable for Grades: 7

*Provides a detailed look at one of earth's most common elements, and how it is used. Part of the **Elements** series.*

### **Chemistry**

by Bob Bonnet & Dan Keen (J 540.78 Bon)

Available at: AN, BC, DC, KL, WO, PBRL

Suitable for Grades: 4, 5, 6, 7

*Provides ideas for science fair projects with clear instructions and explanations.*

### **Sodium and the Alkali Metals**

By Nigel Saunders

Available at: BC, PBRL

Suitable for Grades: 7, 8

*Provides an overview of the elements in Group 1 of the periodic table. Part of the **Periodic Table** series.*

### **Chemical Reactions**

By Carol Baldwin

Available at: AN, BC, DC, WO, PBRL

Suitable for Grades: 7, 8

*Describes kinds of chemical reactions and gives examples of how they effect our lives. Part of the **Material Matters** series.*

### **Amazing Kitchen Chemistry Projects You Can Build Yourself**

By Cynthia Brown

Available at: AN, BC, DC, KL, WO, PBRL

Suitable for Grades: 5, 6, 7, 8

*Has great ideas for science fair projects that you can make with materials around your house.*