

Chapter 2 Web Links

[CHEMystery: An Interactive Guide to Chemistry](#)

Written by high school seniors for the ThinkQuest contest, this is a really nice review and reference site for students at all levels.

[Chemistry Tutorial](#)

A review of the basics of chemistry, chemical bonding, the properties of water, and organic molecules.

[Chem4Kids.com:Site Map](#)

A review of chemistry with online quizzes.

[Chemicool Periodic Table](#)

Click on any element in the table and a full page of information and vital statistics of that element is returned to you.

[WebElements Periodic Table](#)

A fact-filled site on the elements. Click on any of the elements to obtain its number, weight, and much more information.

[Chemical Equations](#)

The basics of chemical reactions.

[EPA's Clean Air Market Programs: Acid Rain](#)

What you need to know about acid rain and its effect on society and the environment.

[Water Properties: The Water in You](#)

An easy-to-understand discussion of the properties of water.

[Chemical Bonding](#)

Brief, easy-to-understand discussion of the nature of covalent, ionic, and hydrogen bonds.

[Miami Museum of Science.~The pH Factor](#)

A fun and interactive way to learn about acids and bases.

[Water on the Web](#)

This site allows you to explore the role of water in the environment.

[Hydrogen Bonds](#)

A short, well-written explanation of the hydrogen bonds that join water molecules.

[Electronegativity](#)

An explanation of the role of electronegativity in the formation of ionic, covalent, and polar covalent bonds.

[Nuclear Medicine: Radioisotopes for Diagnosis and Treatment](#)

This short article from the Contemporary Physics Education Project's website, discusses the role

of radioisotopes in the diagnosis and treatment of disease. Click on the "Next Page" button to learn about the role of radioisotopes in the treatment of cancer.

[Office of Isotopes for Medicine and Science Programs](#)

This factsheet from the Department of Energy (DOE) provides a brief discussion of the role of radioisotopes in the diagnosis and treatment of disease.

[Hands-On Experiments to Test for Acid Mine Drainage](#)

Acids from mining activities can drain into waterways. This site will teach you how you can test water for acid runoff.