
CHEMISTRY

Interactive Websites

WolframAlpha-Computational Knowledge Engine that allows you to discover anything you need to know about every element on the periodic table.

- <https://www.wolframalpha.com/examples/Chemistry.html>

PhET Interactive Simulations-Interactive simulations for multiple chemistry topics.

- <https://phet.colorado.edu/en/simulations/category/chemistry>

American Association of Chemistry Teachers-Multiple interactive simulations for chemistry solutions.

- <https://teachchemistry.org/periodical/simulations>

Online Labs – Chemistry - “a list of freely available online chemistry lab resources, including general chemistry and organic chemistry simulations.”

- <http://onlinelabs.in/chemistry>

Informational/Instructional Websites & Videos

Virtual Chembook, Elmhurst College-Chart full of hyperlinks that cover various chemistry areas: General, Organic, Biochemistry, Environmental, Drug, etc.

- <http://chemistry.elmhurst.edu/vchembook/index.html>

Chemistry Web Resources Content Page by Ron Rinehart, Ph.D.-Hyperlinks to hundreds of sites in multiple areas of chemistry. Includes experiments, lecture demonstrations, government involvement, charts, diagrams, etc.

- http://www.mpcfaculty.net/ron_rinehart/index.html#fastfind

An Introduction to Chemistry by Mark Bishop-Chemistry concepts explained through animations.

- http://preparatorychemistry.com/Bishop_animations.htm

Tyler Dewitt Chemistry Videos-Videos created to help with multiple topics in chemistry.

- <https://www.youtube.com/channel/UCj3EXpr5v35g3peVWnVLoew>

Formulas

Equation Library.Com-Formulas to solve all types of chemistry equations.

- http://equationlibrary.com/equations_result.php?page=1&ipp=All&sid=18&name=Chemistry

Terminology, Games, and Practice Tests

Dictionary of Chemistry-Oxford Reference-The latest edition of chemistry terminology that appeals to students.

- <http://www.oxfordreference.com/view/10.1093/acref/9780199204632.001.0001/acref-9780199204632>

Quizlet-includes terms, definitions, practice quizzes and games.

- <https://quizlet.com/13509343/chemistry-quiz-1-nomenclature-flash-cards/>

Varsity Tutors-Numerous practice tests with a variety of difficulty levels. Sign-up is free and optional.

- https://www.varsitytutors.com/college_chemistry-practice-tests

Kaplan AP Chemistry-Multiple choice question practice tests in various topics of chemistry.

- <https://www.kaptest.com/study/ap-chemistry/ap-chemistry-multiple-choice-practice-questions/>

ThoughtCo . - 20 Practice Chemistry Tests

- <https://www.thoughtco.com/chemistry-practice-tests-604113>