

CHEMISTRY Self Help

The Topics and Areas in the Chemistry Self Help are the same Topics that are in the Chemistry Test Maker.

The focus and conceptual understandings in the various areas are consistent with the recommendation of the National Science Education standards and Benchmarks of Science Literacy. Some of the areas included are the Matter and Change, Atomic Structure, Arrangement of Electrons in Atoms, The Periodic Law, Chemical Bonding, Subatomic Particles, Reaction Energy and Reaction Kinetics, Chemical Equilibrium, Acids and Bases, Oxidation- Reduction reactions, Organic Chemistry, Laboratory Experiments.

Advanced topics included encompass many areas that will prepare students for AP chemistry and College Chemistry such as K_i , K_{eq} , K_a , K_h , K_b , graham's Law, ideal gas law, Molal problems(electrolytes), balancing equation (acid – base) buffer solutions, solving delta S, delta H and delta G problems, Heat of reaction problems, etc.

To view all the advanced topics, print out the Chemistry Test Maker “Web and Demo”.