This project began in the late 1980's as a means to supplement (or in some cases to largely replace) the conventional textbook treatments of various topics in courses in General Chemistry and Environmental Chemistry. The purpose was in most cases to provide alternatives to what seemed to be the rather shallow standardized treatments of certain topics presented in many commercial textbooks.
4: The Basics of Chemistry

5: Atoms and the Periodic Table

6: Properties of Gases

7: Solids and Liquids
8: Solutions

9: Chemical Bonding and Molecular Structure

10: Fundamentals of Acids and Bases

11: Chemical Equilibrium
12: Solubility Equilibria

13: Acid-Base Equilibria

14: Thermochemistry

15: Thermodynamics of Chemical Equilibria
• 16: Electrochemistry

• 17: Chemical Kinetics and Dynamics

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Contributors

• Stephen Lower, Professor Emeritus (Simon Fraser U.) Chem1 Virtual Textbook