

SI Videos

Chemistry I

Video 1

Topics: Periodic table, Components of matter, Molecular weight, Trends, and Chemical formulas

Video 2

Topics: Polyatomic ions, Chemical bonds, and Isotopes

Video 3

Topics: Quantum number, Electron configurations, & Orbital diagrams

Video 4

Topics: Lewis structures, Octet rule, Molecular shapes, and Sigmas/Pi bonds

Video 5

Topics: Ideal gas Law

Video 6

Topics: Redox reactions and Oxidation numbers