

AP Chemistry Map

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Essential Questions	What is stoichiometry?	What is the structure of matter?	What are condensed states of matter?	What is equilibrium?
Content in terms of essential concepts and topics	Mole Box Types of Reactions Gases Energy	Atomic Bonding	Liquids and Solids Solutions	Kinetics General Equilibrium Acid/Base Salts
Standards/skills (i.e., processes and skills emphasized— State Academic Standards, and MCSC skills)	1.1, 1.2, 1.3, 1.13, 1.30, 1.31, 1.41, 1.40, 1.39, 1.38 1.22, 1.27, 1.26, 1.12, 1.14, 1.15, 1.16, 1.26, 1.27	1.10, 1.11, 1.90, 1.22, 1.32, 1.33, 1.34, 1.35, 1.36, 1.37, 2.3	1.28, 1.15, 1.17, 1.18, 2.6, 1.29, 1.5, 1.4	1.23, 1.20, 1.21, 1.14, 1.19, 1.29, 2.5
Products/Assessments It is assumed that students will be assessed with traditional tests.	Copper Iodide molar ratio Hydrate's molar ratio Redox molar ratio Acid/Base	Vapor density/Molar Mass Hess's Law Modeling Atomic Structures and Bonding	Molar Mass from temperature change	Rate Law Weak Acid Ratios Weak Acid pH curves Solubility
Resources	Include textbook, and lab investigations, teacher directed demonstrations throughout the year.			

MGD 5/05