

Chemistry		
Standards	Fall Semester	
Next Gen	Topics Covered	Number of Days
ETS1-3/ESS3-1/ETS1-1/ESS3-2/PS2-6	Chemistry and Society, Scientific Method, Efficiency and Ethics, Measurements *Efficiency and Ethics - Discussion Based Activities	16
PS1-1/PS2-6/PS3-2	Properties of Matter, Physical Changes, States of Matter	11
ETS1-3/ESS3-1/ETS1-1/ESS3-2/PS1-1/PS2-6/PS3-2	Review and W1 Exam	1
PS1-1/PS2-6/PS1-3	Gas Pressure and Gas Laws - Concept Based - limited mathematic calculations	10
PS1-1/PS1-8	Atomic Structure (include isotopes and ions, radioactive decay/half-life, and fusion in the sun)	11
PS3-5/PS1-1/PS1-3	Electrons in Atoms *LABS* -Families of Elements -Flame Tests	13
ETS1-3/ESS3-1/ETS1-1/ESS3-2/PS1-1/PS1-8/PS3-5/PS2-6	Review and W2 Exam	1
PS1-1/PS1-2	Periodic Table and Trends	11
ETS1-3/ESS3-1/ETS1-1/ESS3-2/PS1-1/PS1-8/PS3-5/PS1-2/PS2-6/PS3-2/PS1-3	Review and Midterm Exam	6
Standards	Spring Semester	
Next Gen	Topics Covered	Number of Days
PS1-3/PS2-6/PS3-5	Types of Bonding, IMFs and Properties, Molar Mass and Percent Composition Solubility (graphs), Review	29
PS1-3/PS2-6/PS3-5	W4 Exam	1
PS1-2/PS1-4/PS1-7/PS1-5/PS3-4/PS1-6/ETS1.C	Energy and Matter- Chemical Properties and Reactions, Equilibrium, Energy Transfer, Conservation Factors Affecting Reaction Rates, Concentration - Molarity and Molality, Review	33
PS1-2/PS1-4/PS1-7/PS1-5/PS3-4/PS1-6/ETS1.C	W5 Exam	1
ESS2-4/ESS3-5/ESS1.B/ESS3.D/ESS2.A/ESS3-6/ESS2.D/ESS2.C/ESS2-5	Acids and Bases/Neutralization, Science Fair Projects (study course topics - experiments based on observing chemistry phenomena), Climate Change Projects	15
All Year's Standards	Review and EOC	10