

<b>AP CHEMISTRY SYLLABUS</b>			
<b>UNIT</b>	<b>CONTENT</b>	<b>CHAPTER</b>	<b># of Weeks (Approx.)</b>
<b>0 –Chemical Foundations Review from first year</b>	<i>Uncertainty in calculations, Basic Chemical Concepts</i>	1	1
<b>1 – The Atom &amp; the Periodic Table</b>	<i>Atoms, Molecules and Ions</i>	2	1
	<i>Atomic Structure &amp; Periodicity</i>	7	1-2
<b>2 – Chemical Bonding</b>	<i>Chemical Bonding</i>	8	2-3
	<i>Introduction of basic Organic Chemistry</i>		1
	<i>Covalent Bonding &amp; hybridization</i>	9	1
<b>3 - Reactions and Stoichiometry</b>	<i>Chemical Equations &amp; Stoichiometry</i>	3	2-3
	<i>Types of Chemical Reactions and Solution Stoichiometry</i>	2	2
<b>4 – Gases</b>	<i>Gases</i>	5	2
<b>5 - Thermochemistry</b>	<i>Thermochemistry</i>	6	2
	<i>Chemical Thermodynamics</i>	16	2
<b>6 – Liquids &amp; Solids</b>	<i>Liquids &amp; Solids</i>	10	1
	<i>Properties of solutions</i>	11	1
<b>8 – Kinetics</b>	<i>Chemical Kinetics Reaction Rates</i>	12	1-2
<b>9 – Equilibrium</b>	<i>Chemical Equilibrium</i>	13	2
	<i>Acid – Base Equilibrium</i>	14	2-3
	<i>Applications of Aqueous Equilibria /solubility Equilibria</i>	15	2-3
<b>10 – Electrochemistry</b>	<i>Electrochemistry</i>	17	1
<b>11- Final Review</b>	<i>Review for AP Exam</i>		1-2