

**Grade/Course: Chemistry**

**First Quarter (41 days)**

			<b>Day 1 Class Introduction</b>	<b>Day 2 Continue class acclamation</b>
<b>Chapter 1 (CH.1 a-c; i and j) Scientific Investigation and Laboratory Techniques with Safety</b>				
				<b>Test Chapter 1</b>
<b>Labor Day</b>	<b>Chapter 2 (CH.1 d-h) Scientific Measurements and Error Analysis</b>			
<b>Test Chapter 2</b>	<b>Chapter 3 (CH.2h) Properties and Changes in Matter</b>			
		<b>Test Chapter 3</b>	<b>Chapter 4 (CH.1 i and CH.2 a-c; i) Structure of the Atom, Historical Models</b>	
			<b>Chapter 4 Test</b>	
<b>Review/Catch-up/Re-teach Day</b>	<b>First Benchmark Test</b>	<b>Chapter 5 (CH.2 g) Electron Configurations and Oxidation State</b>		

**Grade/Course: Chemistry Second Quarter (43 Days)**

				<b>Test Chapter 5</b>
<b>Chapter 6-7 (CH.2 d-h) Periodic Table (Development of the PT, classifying the elements, Periodic Trends)</b>				
	<b>Election Day</b>			<b>Test Chapter 6-7</b>
<b>Chapter 8 (CH.3 a, c, d) Bonding and Nomenclature (Ionic bond formation, Ionic Formulas and Naming)</b>				
		<b>Thanksgiving Break</b>	<b>Thanksgiving</b>	<b>Thanksgiving</b>
<b>Test Chapter 8</b>	<b>Chapter 9 CH.3 a, c, d Bonding and Nomenclature (Covalent bonding, Lewis Structures, Molecular Shape and Polarity)</b>			
	<b>Semester Exams Begin???</b>			

<b>January-first day return from Christmas Break Continue Chapter 9</b>				<b>Test Chapter 9</b>
<b>Review/ Catch Up/Review Day Chapter 10</b>	<b>Bench Mark Test</b>	<b>CH.3 b, e Writing and Balancing Equations and Chemical Reactions Classification</b>		

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**(Third Quarter 45days)**

			<b>Chapter 11 (CH.4 a, b) Mole Calculations and Empirical/Molecular Formulas</b>	
				<b>Test Chapter 11</b>
<b>Chapter 12 (CH.4 a, b) Stoichiometry</b>				
		<b>Test Chapter 12</b>	<b>Chapter 13-14 (CH.4 a, c, and CH.5 a, b, c ,d) Kinetic Theory, Gas Laws</b>	
				<b>Test Chapters 13-14</b>
<b>Chapter 15 (CH.5 g) Solutions; Solubility Molarity, Colligative</b>				

<b>Properties</b>				
	<b>Test Chapter 15</b>	<b>Review/ Catch Up/Re-teach Days</b>		<b>3rd Quart Benchmark Test</b>

## Grade/Course: Chemistry

## Fourth Quarter (45days)

Chapter 16 (CH.3 e and CH.5 e-f) Thermochemistry; Specific Heat, Enthalpy, Entropy				Test Chapter 16
Chapter 17 (CH.3 f) Kinetics; Reaction rates, Collision Theory, Factors				Test Chapter 17
Chapter 18 (CH.3 e and CH.4 c) Equilibrium; reversible reactions, LeChatelier's Principle				
		Test Chapter 18	Chapter 19 (CH.4 d) Acid/Base, Electrolytes, Titrations	
				Test Chapter 19
Chapter 22-24 (CH.6 a, b) Organic Chemistry Topics If this topic has been incorporated throughout the year, this week may be used for SOL Review				Test Chapter 22-24
These weeks are reserved for MakeUp/Catch Up Days and Review for SOL and taking SOL exams				

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