

Peicai Secondary School
 Subject Overview for Semester 1 2023
 Science Chemistry | Secondary 3 | Normal (Academic)

Term 1			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 3 & 4 T1W3 – CNY Celebration(Fri) T1W4 – CNY (Mon & Tue)	1.1 Experimental Chemistry <ul style="list-style-type: none"> • Practical 1.2 Collection of Gases	Assignment 1 – Experimental Chemistry	
Week 5 & 6	2.1 to 2.4 Kinetic Particle Theory <ul style="list-style-type: none"> • Practical 	Assignment 2 – Kinetic Particle Theory	
Week 7 & 8	5.1 Element, Compound & Mixture, 5.4 Metals & Alloys	Assignment 3 – ECM, Metals & Alloys	
Week 9 & 10	Weighted Assessment 1 1.3 Separation Techniques <ul style="list-style-type: none"> • Practical 1.4 Purity of substances	Assignment 4 – Separation Techniques	WA1 (T1W9): <ul style="list-style-type: none"> • Experimental Chemistry (1.1 & 1.2) • Kinetic Particle Theory • Structure and Properties of Materials (5.1 & 5.4)

Term 2

Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
<u>Week 1 & 2</u>	<u>1.3 Separation Techniques</u> <ul style="list-style-type: none"> • <u>Practical</u> <u>1.4 Purity of substances</u>		
<u>Week 3 & 4</u> <u>T2W3 – Good Friday (Fri) Week-1 & 2</u>	3.1 to 3.3 Atomic Structure 11.1 The Periodic Table - Arrangement of Elements	Assignment 5 – Atomic Structure & Periodic Trends	
<u>Week 5 & 6</u> <u>T2W6 – Hari Raya Puasa (in-lieu) (Mon) Week 3&4</u> <u>T2W3 – Good Friday (Fri)</u>	4.1 to 4.2 Ionic Bonding 5.2 Properties of Ionic Substances	Assignment 6 – Ionic Bonding & its Properties	
<u>Week 7 & 8</u> <u>T2W7 – Labour Day (Mon) Week 5&6</u> <u>T2W6 – Hari Raya Puasa (in-lieu) (Mon)</u>	Weighted Assessment 2 4.3 Covalent Bonding 5.3 Properties of Covalent Substances	Assignment 7 – Covalent Bonding & its Properties	<u>WA2 (T2W6T2W8):</u> <ul style="list-style-type: none"> • <u>Structure and Properties of Materials – Element, Compound & Mixture, Metals & Alloys</u> • <u>Experimental Chemistry (1.3 & 1.4)</u> • <u>Atomic Structure</u> • <u>The Periodic Table (11.1)</u> • <u>Chemical Bonding – Ionic Bonding (4.1 & 4.2)</u> • <u>Structure and Properties of Materials – Ionic Substances (5.2)</u>
<u>Week 9 & 10</u> <u>Week 7 & 8</u> <u>T2W7 – Labour Day (Mon)</u>	<u>6.1 – 6.2 Chemical Formulae</u> 6.1 – 6.2 Chemical Formulae		
<u>Week 9 & 10</u>	<u>6.3 Equation Writing</u>	<u>Assignment 8 – Formulae and</u>	

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The subject overview is tentative and is subject to changes.