

Peicai Secondary School
 Subject Overview for Semester 1 2023
 Pure Chemistry | Secondary 4 | Express

TERM 1			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 3 & 4 T1W3 – CNY Celebration (Fri) T1W4 – CNY (Mon & Tue)	Chapter 12 Salts (QA) <ul style="list-style-type: none"> • Practical 		
Week 5 & 6	Chapter 12 Salts (QA) <ul style="list-style-type: none"> • Flowchart & Writing Observations Chapter 13 Oxidation & Reduction <ul style="list-style-type: none"> • Practical 	Assignment 1 – QA Assignment 2 – Redox	
Week 7 & 8	Chapter 15 Electrolysis <ul style="list-style-type: none"> • Practical 		
Week 9 & 10	Chapter 15 Electrolysis	Assignment 3 – Electrolysis	<u>WA1 (T1W9):</u> <ul style="list-style-type: none"> • Mole Concept & Stoichiometry • Salts • Oxidation and Reduction • Electrolysis (up till 15.3)

TERM 2			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 1 & 2	Chapter 17 Energy Changes <ul style="list-style-type: none"> Practical 	Assignment 4 – Energy Changes	
Week 3 & 4 T2W3 – Good Friday (Fri)	Chapter 18 Speed of Reaction <ul style="list-style-type: none"> Practical 	Assignment 5 – Speed of reaction	
Week 5 & 6 T2W6 – Hari Raya Puasa (in-lieu) (Mon)	Chapter 19 Ammonia Chapter 20 The Atmosphere and Environment	Assignment 6 – Ammonia Assignment 7 – Atmosphere & environment	<u>WA2 (T2W6):</u> <ul style="list-style-type: none"> Mole Concept & Stoichiometry Acids & Bases Salts Metals Oxidation and Reduction Electrolysis Energy changes Speed of reaction Ammonia
Week 7 & 8 T2W7 – Labour Day (Mon)	Chapter 21 Introduction to Organic Chemistry Chapter 22 Alkanes and Alkenes <ul style="list-style-type: none"> Practical 	Assignment 8 – Introduction of organic chemistry Assignment 9 – Alkanes and Alkenes	
Week 9 & 10	Chapter 23 Alcohols and Carboxylic Acids <ul style="list-style-type: none"> Practical 	Assignment 10 – Alcohols & Carboxylic acids	

The subject overview is tentative and is subject to changes.