

Peicai Secondary School  
 Subject Overview for Semester 1 2023  
 Science 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)	8.1 – 8.3 The Mole 9.1 Chemical Calculations		
Week 5 & 6	8.4 – 8.5 The Mole 9.2 – 9.4 Chemical Calculations	Assignment 1 – Chemical Calculations	
Week 7 & 8	11.3 Salts (QA) • Practical		
Week 9 & 10	11.3 Salts (QA) • Practical	Assignment 2 – Qualitative Analysis	<u>WA1 (T1W9):</u> • Acids & Bases • Salts • Metals • Chemical Calculations

Term 2			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 1 & 2	12.1 – 12.5 Oxidation and Reduction <ul style="list-style-type: none"> <li>Practical</li> </ul>	Assignment 3 – Oxidation and Reduction	
Week 3 & 4 T2W3 – Good Friday (Fri)	16.1 – 16.2 Speed of Reactions <ul style="list-style-type: none"> <li>Practical</li> </ul>		
Week 5 & 6 T2W6 – Hari Raya Puasa (in-lieu) (Mon)	16.3 Speed of Reactions	Assignment 4 – Speed of Reactions	<u>WA2 (T2W6):</u> <ul style="list-style-type: none"> <li>Chemical Bonding</li> <li>Periodic Table</li> <li>Energy changes</li> <li>Chemical calculations</li> <li>Qualitative Analysis</li> <li>Oxidation and Reduction</li> <li>Speed of Reactions</li> </ul>
Week 7 & 8 T2W7 – Labour Day (Mon)	17.1 – 17.2 Atmosphere and Environment 18.1 – 18.2 Introduction to Organic Chemistry	Assignment 5 – Atmosphere & Environment Assignment 6 – Introduction to Organic Chemistry	
Week 9 & 10	19.1 – 19.9 Alkanes and Alkenes <ul style="list-style-type: none"> <li>Practical</li> </ul>	Assessment 7 – Alkanes and Alkenes	

The subject overview is tentative and is subject to changes.