

<b>The Curriculum and Approaches to Learning</b>		<b>Key Programmes / Competitions</b>
To cultivate the joy of learning Science by developing students' knowledge, skills and attitudes in scientific-thinking through a well-designed curriculum that focuses on scientific inquiry and authentic learning. To prepare students for a life-long passion in learning Science and enable them to innovate and contribute to a technologically-driven society.		Selected school competitions and enrichment programmes
<b>Term / Week</b>	<b>Learning Experiences (chapter, activity)</b>	<b>Learning Outcomes &amp; Assessment</b>
1/2-4	Ch 9: Qualitative Analysis Practical: <ul style="list-style-type: none"> <li>Tests for gases, cations and anions</li> </ul>	W1: Back To School Program W7: 12 – 13 Feb (CNY)  W5: WA1 – Ch 6, 8, 9
1/5-7	Ch 12.2 to 12.4: The Reactivity Series Practical: <ul style="list-style-type: none"> <li>Metal displacement (using well plates)</li> </ul>	
1/8-9	Ch 10: Oxidation and Reduction Practical: <ul style="list-style-type: none"> <li>Test for Redox reagents</li> </ul>	
1/10	Ch 13: Chemical Energetics Practical: <ul style="list-style-type: none"> <li>Endothermic and Exothermic reactions</li> </ul>	
Hol HW	SLS: QA Package (Test for ions + gases)	
2/1-2	Ch 14: Rate of Reactions Practical: <ul style="list-style-type: none"> <li>Effects of temperature on rate of reactions (teacher demo)</li> <li>Effects of concentration on rate of reactions</li> </ul>	W2: 29 Mar (Good Friday) W4: 10 Apr (Hari Raya Puasa) W5: 14 – 19 Apr (YSS Learning Festival) W7: 1 May (Labour Day) W10: 23 May (Vesak Day) / MTL Intensive  W7: WA2 – Ch 6-10, 12-14
2/3	Ch 15: Fuels and Crude Oil	
2/3-4	Ch 16: Hydrocarbons	
2/6-7	Ch 17: Alcohols and Carboxylic Acids	
2/8-9	Ch 18: Polymers	
Hol HW	SLS: Chapter 19: Maintaining Air Quality and 2024 Specimen Paper P1 and P3  Term 2 Practicals: Practical 1 - 2017 P5  June Holidays Practicals:	

	<p>Practical 2 - 2024 Specimen Paper Practical 3 - 2022 P5</p> <p>All practicals: 1hr 30min</p>	
<p>3/1 3/2 3/3 3/4 3/5-6 3/7-10</p>	<p>Chapter 19: Maintaining Air Quality and Planning Qns 2024 Specimen Paper P1 and P3 2020 TYS P1 and P3 2021 TYS P1 and 3 2022 TYS P1 and 3 Practical &amp; Prelim Exam</p> <p>Term 3 Practical: Practical 4 - 2023 P5 Practical 5 - 2021 P5</p> <p>All practicals: 1hr 30min</p>	<p>W2: 1 Jul (Youth Day) W5: 23-25 July HBL (GCE Oral Exams) W7: 8 - 9 Aug (National Day) W10: 29-30 Aug (Teachers' Day Celebration and Teachers' Day)</p> <p>W3: WA3 – Ch 3-5, 11, 15-18 Prelim: All Chapters</p>
<p>4/1-2 4/3 4/4</p>	<p>Script Check 2023 TYS P1 and 3 Conclusion/Evidence Worksheet 2019, 2018 TYS P1 and P3</p> <p>Practical 6 Skill-based: 2013 – test (a) 2020 – test (g) 2014 – test (a)</p>	