

YISHUN SECONDARY SCHOOL

Subject & Code: **Science (Chemistry) 5105 & 5107**

Level & Stream: **Sec 4 (Normal Academic) / Year 2023**

<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/ 1-3 1/ 4-5 1/ 6-7 1/ 8-10	Ch 11: Metals Ch 14: Introduction to Organic Chemistry Ch 15: Alkanes and Alkenes Ch 8: Chemical Calculation	WA 1: 28 Feb (T1W9) WA 1 topics: 7, 9, 10 & 11
2/ 1 2/ 2 2/ 3 2/ 4-10	Ch 13: The Atmosphere and Environment Skills: graph plotting & reading Skills scale reading & experimental set-up Topical + Yearly Paper Revision	WA 2: 16 May (T2W9) WA 2 topics: Ch 11-15
3/1-3	Revision	Prelims: All topics
4/1-2 4/3-5 4/6-7	GCE N Levels Exam (Part 01) Revision for N Levels GCE N Levels Exam (Part 02)	