

The Curriculum and Approaches to Learning		Key Programmes / Competitions
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.		<p>Selected school competitions and enrichment programmes.</p> <p>All class structured group work develops communication competency.</p> <p>All data based and planning questions develop adaptive thinking competency.</p>
Term / Week	Learning Experiences (Chapter, Activity)	Assessment & Events
1/ 1-4 1/ 5-6 1/ 7-9 1/ 10 Hol HW	<p>Ch 12: Reactivity Series Practical:</p> <ul style="list-style-type: none"> • Metal displacement (using well plates) <p>*Ch 15: Fuels and Crude Oil Ch 16: Hydrocarbons Practical:</p> <ul style="list-style-type: none"> • Test for unsaturation in hydrocarbons <p>Ch 18: Polymers Topical Revision on Ch 16 and 18</p>	<p>W1: Back To School Program W4: CNY Celebration 28 /01 (Tue) CNY 29/01 (Wed), 30/01 (Thu)</p> <p>WA1: 3-7 Mar, T1W9 Topics: Ch 8, 9.3, 12 (45 min)</p> <p>*adaptive thinking competency</p>
2/ 1-2 2/ 3-4 2/ 5 2/ 6 2/ 7 2/ 9 Hol HW	<p>*Ch 19: Maintaining Air Quality Practical:</p> <ul style="list-style-type: none"> • Test for gases <p>Topical Revision on Ch 3, 4, 8, 11 Specimen Paper 2023 TYS 2022 TYS 2021 TYS 2020 TYS</p>	<p>W2: Hari Raya Puasa 31/03 (Mon) W4: Good Friday 18/04 (Fri) W6: Labour Day 01/05 (Thu) W8: Vesak Day 12/05 (Mon) W8: Student Learning Fest (Tue - Fri) W10: MTL Intensive for 4E5NA</p> <p>WA2: 28-30 Apr or 2 May, T2W6 Topics: Ch 1-8, 9.3, 11 and 12 (45 min)</p> <p>*adaptive thinking competency</p>
3/ 1-10	<p>Revision and Prelim - To complete 2020, 2019 and 2024 N level paper</p>	<p>W1: Youth Day celebration 04/07 W2: Youth Day 07/07 (Mon) W3: Oral Exam (HBL) 15 – 17/07 (Tue-Thu) W6: National Day celebration 08/08 (Fri)</p>

		<p>W7: off-in-lieu for National Day 11/08 (Mon)</p> <p>W10: Teachers' Day celebration 04/09 (Thu)</p> <p>W10: Teachers' Day 05/09 (Fri)</p> <p>Prelim Exam: 30 Jul – 13 Aug Topics: all chapters</p>
4/ 1-4	<p>Revision and GCE N-Level Exam - To complete 5 YSS / other school papers</p>	