

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
1/1-3 1/4-5 1/6 1/8-10 Hol HW	Ch 1: Experimental Chemistry Practicals: <ul style="list-style-type: none"> Filtration and crystallisation Ch 2: Kinetic Particle Theory Ch 3: Atomic Structure Ch 4: Chemical Bonding (Ionic Bond) SLS Lesson on Ch 2 & 3	W1: Back To School Program W4: CNY Celebration 28 /01 (Tue) CNY 29/01 (Wed), 30/01 (Thu) WA1: 3-7 Mar, T1W9 Topics: Ch 1, 2 and 3 (45 min)
2/1-2 2/3-4 2/5-7 2/9-10 Hol HW	Ch 4: Chemical Bonding (Covalent Bond) Ch 5: Structure and Properties of Materials Ch 6: Chemical Formulae & Balancing Chemical Equations Ch 8: Acids and Bases SLS Lesson on Ch 4 & 5	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 WA2: 5-9 May, T2W7 Topics: Ch 3, 4, 5, 6 (Chemical formulae only) (45 min)
3/1-2 3/3 3/4-6 3/7-9 3/10 Hol HW	Ch 8: Acids and Bases Practicals: <ul style="list-style-type: none"> Reactions of Acids and Alkalis Indicators Ch 13: Chemical Energetics Ch 7: Mole Concept & Stoichiometry Ch 11: The Periodic Table Revision for End of Year Examination 2024 YSS EOY Exam papers	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) W7: off-in-lieu for National Day 11/08 (Mon) W10: Teachers' Day celebration 04/09 (Thu) W10: Teachers' Day 05/09 (Fri)

		WA3: 25-29 Aug, T2W9 Topics: Ch 6, 7, 8 and 13 (45 min)
4	Return and review WA3 Revision for End of Year Examination End of Year Exam	End of Year Examination (EOY) Topics: Ch 1-8, 11 & 13