

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	*Ch 1: Experimental Chemistry Practical: <ul style="list-style-type: none"> Crystallisation, Distillation, Paper Chromatography 	W1: Back To School Program W4: CNY Celebration 28 /01 (Tue) CNY 29/01 (Wed), 30/01 (Thu)
1/ 4-5	Ch 2: Kinetic Particle Theory	WA1: 17-21 Feb, T1W7
1/ 6-7	Ch 3: Atomic Structure	Topics: Ch 1 – 3 (45 min)
1/ 8-10	Ch 4: Chemical Bonding (Ionic) Practical: <ul style="list-style-type: none"> Test for gases 	*adaptive thinking competency
Hol HW	SLS Lesson on Ch 2 & 3	
2/ 1-3	Ch 4: Chemical Bonding (Covalent)	W2: Hari Raya Puasa 31/03 (Mon)
2/ 4-6	Ch 5: Structure and Properties of Materials	W4: Good Friday 18/04 (Fri)
2/ 7	Go through WA2	W6: Labour Day 01/05 (Thu)
2/ 8	YSS Student Learning Festival	W8: Vesak Day 12/05 (Mon)
2/ 9-10	Ch 6: Chemical Formulae & Equations	W8: Student Learning Fest (Tue - Fri)
Hol HW	SLS Lesson on Ch 4 & 5	W10: MTL Intensive for 4E5NA WA2: 28-30 Apr or 2 May, T2W6 Topics: Ch 3 – 5 (45 min)
3/ 1-2	Ch 7: Mole Concept	W1: Youth Day celebration 04/07
3/ 3-4	Ch 8: Acids and Bases	W2: Youth Day 07/07 (Mon)
3/ 5	Revision for WA3	W3: Oral Exam (HBL) 15 – 17/07 (Tue-Thu)
3/ 6-7	Ch 8: Acids and Bases	W6: National Day celebration 08/08 (Fri)
3/ 8-10	Ch 11: The Periodic Table	
Hol HW	Past year school exam papers	

		<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>WA3: 4-6 Aug, T3W6</p> <p>Topics: Ch 5, 6, 7 and 8 (45 min)</p>
4/ 1-2	<p>Revision for EOY</p> <p>End of Year Exam</p>	<p>End of Year Examination</p> <p>Topics: Ch 1 – 8 and Ch 11</p>