

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	Ch 9: Qualitative Analysis + Lab safety briefing Practical: <ul style="list-style-type: none"> Tests for gases, cations and anions 	W1: Back To School Program W4: CNY Celebration 28 /01 (Tue) CNY 29/01 (Wed), 30/01 (Thu) WA1: 10-14 Feb, T1W6 Topics: Ch 6, 8 and 9 (45 min)
1/ 5-8	Ch 7: Mole Concept & Stoichiometry	
1/ 9-10	Ch 10: Oxidation and Reduction Practical: <ul style="list-style-type: none"> Test for Redox reagents (TYS 2019, Paper 5) 	
Hol HW	SLS: QA Package (Test for ions + gases)	
2/ 1	Ch 13: Chemical Energetics	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 *adaptive thinking competency WA2: 14-18 Apr, T2W4 Topics: Ch 6, 8, 9, 12 and 13 (45 min)
2/ 2-3	Ch 14: Rate of reactions	
2/ 4-5	Revision (Ch 6, 8 and 12)	
2/ 6-7	Ch 17: Alcohols and Carboxylic Acid	
2/ 8	YSS Student Learning Festival	
2/ 9	Revision	
2/ 10	Sec 4 MT intensive	
June Wk 4	Term 2 Practicals: Practical 1 - 2017 P5 June Holidays Practicals: Practical 2 - 2024 Specimen Paper Practical 3 - 2022 P5 All practical: 1 hr 30 min	

Hol HW	SLS: Chapter 19: Maintaining Air Quality and 2024 Specimen Paper P1 and P3	
3/ 1-2	*Chapter 19: Maintaining Air Quality and Planning Qns	W1: Youth Day celebration 04/07
3/ 3	2024 Specimen Paper P1 and P3	W2: Youth Day 07/07 (Mon)
3/ 4	2020 TYS P1 and P3	W3: Oral Exam (HBL) 15 – 17/07 (Tue-Thu)
3/ 5	2021 TYS P1 and 3	W6: National Day celebration 08/08 (Fri)
3/ 6	2022 TYS P1 and 3	W7: off-in-lieu for National Day 11/08 (Mon)
3/ 7-10	Practical & Prelim Exam	W10: Teachers' Day celebration 04/09 (Thu)
	Term 3 Practicals: Practical 4 - 2023 P5 Practical 5 - 2021 P5	W10: Teachers' Day 05/09 (Fri)
	All practicals: 1hr 30min	Timed Practice: 21-25 Jul, T3W4
Hol HW	2024 P1 and P3	Topics: all chapters
		Prelim exams: T3W8-10
		Topics: all chapters
		*adaptive thinking competency
4/ 1-4	Script Check 2023 TYS P1 and 3 Conclusion/Evidence Worksheet 2019, 2018 TYS P1 and P3 Revision for O levels	
	Practical 6 Skill-based: 2013 – test (a) 2020 – test (g) 2014 – test (a)	