

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Chemistry) 5086 & 5088

Level & Stream: Sec 5

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.		Selected school competitions and enrichment programmes. All class structured group work develops communication competency. All data based and planning questions develop adaptive thinking competency.
Term / Week	Learning Experiences (Chapter, Activity)	Assessment & Events
1/ 1-4 1/ 5-7 1/ 8 1/ 9-10 Hol HW	Ch 9: Qualitative Analysis Ch 10: Oxidation and Reduction Practical 3: Test for Redox reagents Ch 13: Chemical Energetics Ch 14 Rate of Reaction SLS: QA Package (Test for ions + gases)	WA1: Term 1 Week 5 Topics: Ch 6, 8, and 9
2/ 1-2 2/ 3-9 2/ 10	Ch 17: Alcohols and Carboxylic Acid Topical Revision MTL Intensive Revision	WA2: Term 2 Week 4 Topics: Ch 6, 9, 10 and 12
3/ 1-5 3/ 6-10 Hol HW	Revision Practical & Prelim Exam 2025 YSS Prelim Paper P1 and P3	Prelim exams: Week8-10 Topics: all chapters
4/ 1-4	Revision for O levels	