YISHUN SECONDARY SCHOOL
Subject & Code: Chemistry 5076/5078
Level & Stream: Sec 5 (Normal)

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. Skills and Processes to be learnt: - Scientific Thinking - Problem Identification - Planning and conducting investigations through experiments - Information Handling - Communicating Results	1. Math & Science Week 2. YSS Beyond Classroom Experience 3. CB Paul Science Quiz 4. Singapore Junior Olympiads

Term / Week	**Learning Experiences (chapter, activity)**	**Learning Outcomes & Assessment**
1/1 1/5 1/8	Chapter 1: The Mole Chapter 2: Chemical Calculations Chapter 3: Salts Chapter 6: Speed of Reaction	WA1 Ch 1 – 3
2/1 2/3 2/4 2/5 2/7	Chapter 4: Oxidation and Reduction Chapter 5: Energy Changes Chapter 7: Alkanes and Alkenes (Alkanes only) Revision for Mid Year Exam Mid Year Exam	WA2: Ch 4 - 6 Mid Year Exam (Follow Sec 4E Ch 1 – 19 (Alkanes only))
3/1 3/3 3/5 3/9	Chapter 7: Alkanes and Alkenes Chapter 8: Alcohols and Carboxylic Acid Revision for Prelim Exam Prelim Exam	Prelim Exam All chapters
Term 4	Prelim Exam Preparation for Practical Exam Block Revision	