

YISHUN SECONDARY SCHOOL

Subject: Lower Secondary Science

Level & Stream: Sec 1 (Express/NA) (G3/G2)

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
Term / Week	Learning Experiences (chapter, activity)	Assessment
1/1 – 3 1/4 – 5 1/6 – 8 1/9 – 10	Chapter 1: The Scientific Endeavour + Lab safety briefing Chapter 2: Exploring Diversity of Matter by its Physical Properties Chapter 3: Exploring Diversity of Matter by Its Chemical Properties Chapter 4: Exploring Diversity Using Separation Techniques	WA1: T1W8 Chapters 1, 2 & 3
2/1 – 5 2/5 – 10	Chapter 4: Exploring Diversity Using Separation Techniques Chapter 5: Ray Model of light	WA2: Alternative Assessment for G3 WA2: T2W7 for G2
3/1 – 4 3/5 – 7 3/8 - 10	Chapter 6: Model of cells - The basic units of Life Chapter 7: Model of Matter - The particulate Nature of Matter Chapter 8 - Model of Matter: Atoms and Molecules	WA3: T3W8 Chapters 5,6 & 7
4/ 1 – 3 4/ 4 – 7	Revision for EOY Exams EOY Exams	EOY: Chapter 1 – 8