

YISHUN SECONDARY SCHOOL

Subject: Lower Secondary Science

Level & Stream: Sec 1 (Express/Normal Academic)

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.		EMITS Elementz Science Project Competition and Exhibition A*STAR EZ Science Fair SAIL
Term / Week	Learning Experiences (chapter, activity)	Learning Outcomes & Assessment
1/ 1 1/ 5 1/ 8	Chapter 1: The Scientific Endeavour Chapter 2: Exploring Diversity of Matter by its Physical Properties Chapter 3: Exploring Diversity of Matter by Its Chemical Composition	WA 1: Chapter 1 and Chapter 2
2/ 3 2/ 5 2/ 9	Chapter 6: Model of Cells – The Basic Units of Life Chapter 4: Exploring Diversity of Matter Using Separation Techniques Review + Post Exam Activities	WA 2: Chapter 1, 2, 3 and 6
3/ 1 3/ 4 3/ 7	Chapter 9: Ray Model of Light Chapter 7: Model of Matter – The Particulate Nature of Matter Chapter 8: Model of Matter — Atoms and Molecules	WA 3: Chapter 6, 4 and 9
4/ 1 4/ 3 4/ 6	Revision for EOY Exams EOY Exams Review + Post Exam Activities	EOY: Chapter 1, 2, 3, 4, 6, 7, 8 and 9