

YISHUN SECONDARY SCHOOL

Subject: Lower Secondary Science

Level & Stream: Sec 2 (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 – 7 1/ 8 – 10	Chapter 11: Chemical Changes + Lab safety briefing Chapter 9: Application of Forces and Transfer of Energy Chapter 10: Transfer of Heat Energy and its Effects	WA1: T1W9 Chapters 9, 10 & 11
2/1 - 5 2/ 6 - 10	Chapter 13: Electrical Systems Chapter 14: Human Digestive System	WA2: T2W7 Chapters 9, 10 & 13
3/ 1 – 3 3/ 4 – 6 3/ 8 – 10	Chapter 15: Transport Systems in Living Things Chapter 16: Human Sexual Reproductive System Chapter 12: Interactions within Ecosystems	WA3: T3W7 Chapters 14, 15 & 16
4/ 1 4/2-3	Revision of Sec 1 Chapters: Chapter 3, 4, 5 and 8 Revision for EOY Exams	EOY: Sec 2: Chapter 9 – 16 Sec 1: Chapter 3, 4, 5 & Chapter 8