

YISHUN SECONDARY SCHOOL

Subject: Lower Secondary Science

Level & Stream: Sec 2 (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.		Elementz Science Project Competition and Exhibition A*STAR EZ Science Fair CB Paul Science Quiz
Term / Week	Learning Experiences (chapter, activity)	Learning Outcomes & Assessment
1/ 1 1/ 5 1/ 8	Chapter 10: Transport Systems in Organisms Chapter 11: Human Digestive System Chapter 12: Human Sexual Reproductive System	WA1: Chapter 10, 11 and Cells (from sec 1)
2/ 1 2/ 3 2/ 6	Chapter 14: Interactions Through the Application of Forces Chapter 13: Electrical Systems Chapter 15: Energy and Work Done MYE + Review + Post Exam Activities	Chapter 12, 13 and 14
3/ 1 3/ 5 3/ 7	Chapter 18: Chemical Changes Chapter 17: Effects of Heat and Its Transmission Chapter 16: Transfer of Sound Energy Through Vibrations	WA2: Chapter 15, 17 and 18
4/ 2 4/ 3 4/ 6	Revision for EOY Exams EOY Exams Review + Post Exam Activities	EOY Exam: Chapter 10, 11, 12, 13, 14, 15, 16, 17, 18 and Atoms and Molecules (from sec 1)