

YISHUN SECONDARY SCHOOL

Subject & Code: Sci Biology (5078)

Level & Stream: Sec 3 (Express)

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.		
Term / Week	Learning Experiences (chapter, activity)	Learning Outcomes & Assessment
1/1 – 2 1/3 – 4 1/5 – 7 1/8 – 10	Chapter 2: Cell Structure and Organization Chapter 3: Movement Of Substances Chapter 4: Nutrients Chapter 5: Enzymes	WA 1: Chapters 2, 3 and 4
2/1 – 3 2/4 – 5	Chapter 6: Nutrition In Humans Chapter 7: Nutrition In Plants	WA 2: Chapters 5, 6 and 7 MYE: All Semester 1 topics
3/1 – 3 3/4 – 6 3/7 – 8	Chapter 9: Transport In Flowering Plants Chapter 8: Transport In Humans Chapter 10: Respiration In Humans	WA 3: Chapters 9 and 8
4/2 – 4 4/5 – 6 4/7 – 9	EOY Review and Post-Exam activities Chapter 11: The Nervous System (Head-Start Programme)	EOY: All Semester 1 and 2 topics