

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Biology) 5088

Level & Stream: Sec 4 Express)

The Curriculum and Approaches to Learning		Key Programmes / Competitions
<p>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.</p>		<p>Selected school competitions and enrichment programmes.</p> <p>All class structured group work develops communication competency.</p> <p>All data based and planning questions develop adaptive thinking competency.</p>
Term / Week	Learning Experiences (Chapter, Activity)	Learning Outcomes & Assessment
1/ 1-3	Chapter 9: Nutrition and Transport in Flowering Plants	WA1: Chapter 7, 9 and 10
1/ 4-7 1/ 8-10	Chapter 10: Organisms and their Environment Chapter 11: Molecular Genetics	
2/ 1-5 2/ 6-9	Chapter 13: Inheritance Chapter 12: Reproduction in Humans June Holiday HW: Year 2021 Yearly paper	WA2: Chapter 6, 9, 11 and 13
3/ 1-6	O level TYS 2021 to 2024 Papers	Timed-Practice: 2024 4E Prelim paper
4/1-2	Prelim Script Checking / Revision for O-levels	Prelim: All chapters