

**YISHUN SECONDARY SCHOOL**

**Subject & Code:** Science (Biology) 5088

**Level & Stream:** Sec 4 Express)

<b>The Curriculum and Approaches to Learning</b>		<b>Key Programmes / Competitions</b>
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.  All class structured group work develops communication competency.  All data based and planning questions develop adaptive thinking competency.
<b>Term / Week</b>	<b>Learning Experiences (Chapter, Activity)</b>	<b>Learning Outcomes &amp; Assessment</b>
1/ 1-3  1/ 4-7 1/ 8-10	Chapter 9: Nutrition and Transport in Flowering Plants  Chapter 10: Organisms and their Environment  Chapter 11: Molecular Genetics	WA1: Chapter 7, 9 and 10
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