

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Biology) 5078

Level & Stream: Sec 4E (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.		
<b>Term / Week</b>	<b>Learning Experiences (Chapter, Activity)</b>	<b>Learning Outcomes &amp; Assessment</b>
1/0 1/1 1/3 1/5 1/8	Chapter 1: Nervous System Chapter 2: Human Eye Chapter 3: Hormones Chapter 4: Reproduction in Plants Chapter 5: Reproduction in Humans	WA1 Ch 1-2 & Selected topics from Sec 3
2/1 2/3 2/5 2/6 2/7	Chapter 6: Molecular Genetics Chapter 7: Heredity Chapter 8: Ecology Revision for Prelim 1 Prelim 1	WA2 Ch 3-6  SA1 Ch 1-8 & Selected topics from Sec 3
3/1 3/3	Chapter 9: Our Impact on the Ecosystem Revision for Prelim 2 Practical Revision	WA3 Ch 6-9
4/1 4/3	Prelim 2 Preparation for Practical and Written Examination	Prelim All Sec 3 and 4 topics