

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Biology) 5078

Level & Stream: Sec 4E (Express)

| The Curriculum and Approaches to Learning | | Key Programmes / Competitions |
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| 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 |
| 1/0 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 |