

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.		Selected school competitions and enrichment programmes.
Term / Week	Learning Experiences (Chapter, Activity)	Learning Outcomes & Assessment
1/ 2-3 1/ 4-5 1/ 6-7 1/ 8-10	Chapter 11: The Nervous System Chapter 12: The Human Eye Chapter 13: Hormones [T1W2] Practical 1: Year 2020 [T1W8] Practical 2: Year 2010 + 2023 [T1W9] Practical 3: Year 2022 [T1W10] Practical 4: Year 2021 <u>March Holiday</u> Ecology SLS - Self-directed learning	W1: back to school program W7: 12-13 Feb (CNY) WA1 (Wk9, 50 mins): Chapters 6 – Nutrition in Humans, Chapter 8 – Transport in Humans, Chapters 11 to 12
2/ 1-3 2/ 4-6 2/ 7-9 2/ 10	Chapter 17: Molecular Genetics Revision for Chapter 14 - Reproduction in Plants and/or Chapter 15 - Reproduction in Humans Chapter 16: Heredity Chapter 18: Ecology [T2W9] Practical 5: Year 2015 June Holiday: Practical 6: Year 2017 + 2011 Practical 7: Year 2016 <u>June Holiday</u> 2019 Yearly Paper	W2: 29 Mar (Good Fri) W4: 10 Apr (Hari Raya Puasa) W5: Student Learning Fest W7: 1 May (Labour Day) W10: 22 May (Vesak Day) / MTL Intensive WA2 (Wk7, 1h 30 mins): Chapter 2 – Cell Structure and Organization, Chapter 3 – Movement of Substances, Chapter 4 – Nutrients, Chapter 5 – Enzymes, Chapter 7 - Nutrition In Plants, Chapter 9 - Transport In Plants, Chapters 13, 14, 15 and 17
3/ 1-2 3/ 3-10	Chapter 19: Our Impact on the Ecosystem Revision and Prelim: Yearly paper 2020 to 2023 [T3W1] Practical 8: Year 2019 [T3W2] Practical 9: Year 2018	W2: 1 July (Youth Day) W5: 23-25 July HBL (GCE Oral Exam) W7: 8-9 Aug (National Day) Q10: 29-30 Aug (Teachers' Day) WA3 (Wk9): Sci Practical Prelim Exam
4/1-10	Prelim Script Checking and Revision for O-levels	Prelim: Ch 2 to 19