

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/ 2-5 1/ 6-10	Chapter 8: Infectious Diseases in Humans + Lab safety briefing Chapter 9: Nutrition and Transport in Plants [T1W3] Practical 1: Plant and Animal Cells [T1W5] Practical 2: Cucumber, tomato, variegated leaf, kiwi, onion [T1W7] Practical 3: Diffusion and Osmosis [T1W9] Practical 4: Food Test 1 <u>March Holiday</u> 2020 5107 N Level P5 & P6	W0: back to school program W4: 29-30 Jan (CNY) WA1 (W6 Day 9): Chapter 6 – Transport in Humans, Chapter 7 – Respiration in Humans, Chapter 8 – Infectious Diseases in Humans
2/ 1-10	Revision T2W1 HW: 2021 5107 N Level P5 & P6 T2W4 HW: 2022 5107 N Level P5 & P6 T2W7 HW: 2023 5107 N Level P5 & P6 T2W10 HW: 2024 5107 N Level P5 & P6 [T2W2] Practical 5: Food Test 2 [T2W4] Practical 6: Food Test 3 [T2W6] Practical 7: Energy Value [T2W8] Practical 8: Visking Tubing [T2W10] Practical 9: Test for starch in leaves <u>June Holiday</u> 2019 5107 N Level P5 & P6	W2: 31 Mar (Hari Raya Puasa) W4: 18 Apr (Good Friday) W6: 1 May (Labour Day) W8: Student Learning Fest* W8: 12 May (Vesak Day) W10: MTL Intensive (Sec 4E5N only) WA2 (W4): Chapters 1 – 5 and 9
3/ 1-10	Revision, Prelim and GCE N Level T3W1 HW: 2018 5107 N Level P5 & P6 T3W3 HW: 2017 5107 N Level P5 & P6 T3W5 HW: 2016 5107 N Level P5 & P6 T3W7 HW: 2015 5107 N Level P5 & P6 T3W9 HW: 2014 5157 N Level P5 & P6 [T3W1] Practical 10: Cobalt Chloride paper and xylem vessels	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) Timed Practice (W4): Chapters 1 to 9

	[T3W2] Practical 11: Bicarbonate Indicator	
4/1-10	Revision and GCE N Level	Prelim: Ch 1 to 9