

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Physics) 5086

Level & Stream: Sec 5 Normal (Academic)

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) (Chapters refer to Exp Text book)	Remarks
1/ 2-3 1/ 4-5 1/6-9 1/ 10 1/ 2-5 1/ 6-9 1/ 10	Chapter 10: Sound + Lab safety briefing Revision for Chapter 2 and 3 Chapter 5: Turning effects of forces (Mar Hol Homework: SLS lesson on Chapter 12 Light) Practical 1: 2022 Prelim (Moments) Practical 2: 2013 O Lvl (Waves) Practical 3: 2017 O Lvl (CG)	W0: back to school program W4: 29-30 Jan (CNY) W9 Day 2: WA1 – Chapter 2, 3, 10
2/ 1 2/ 4-8 2/ 9	Chapter 12: Light Chapter 16: Magnetism and Electromagnetism Revision Practical 4: 2016 O lvl (Electricity) Practical 5: 2024 O Lvl (Mechanics)	W2: 31 Mar (Hari Raya Puasa) W4: 18 Apr (Good Friday) W6: 1 May (Labour Day) 2 May (Oral Exam) W7: 9 May (Oral Exam) W8: 12 May (Vesak Day) / Student Learning Fest W10: MTL Intensive W6: WA2 – Chapter 9 to 12 and 14 to 16 (Only magnetism)
June Wk 4 Hol HW	Practical 6: 2023 O Level (Moments) Practical 7: 2022 O Level (Pendulum) 2020 TYS P2	
3/ 1 - 6 3/ 7-10 Hol HW	2021 TYS P2 2021 & 2020 TYS P1 2022 TYS P2 2023 TYS P2 Practical & Prelim Exam 2024 TYS P2	W2: 7 July (Youth Day) W3: 15-17 July National Oral Exam W5: Timed Practice W6: 8 Aug (National Day) W7: 11 Aug (ND School Hol)

	Practical 8: 2022 Prelim (Electricity) Practical 9: Refraction	W10: 4 Sep (Teachers' Day Celebration) W10: 5 Sep (Teachers' Day)
4/ 1-4	Revision for O-Level Practical 10: Lens	