

YISHUN SECONDARY SCHOOL

Subject & Code: **Science (Physics) 5076**

Level & Stream: **Sec 5 Normal (Academic) / Year 2024**

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/ 4-9 1/ 10   1/ 2-5 1/ 6-9 1/ 10-2/ 3	Chapter 3: Vector Diagram, Free Body Diagram and Pressure  Chapter 10: Light  Chapter 14: Static Electricity (Mar Hol Homework: SLS lesson on Chapter 14 Static Electricity)  Practical 1: 2022 Prelim (Moments) Practical 2: 2013 O Lvl (Waves) Practical 3: 2017 O Lvl (CG)	W1: Back To School Program W4: 22-23 Jan (CNY)  W9: WA1 - Chapter 3, 10
2/ 1 2/ 4-8 2/ 9	Chapter 14: Static Electricity Chapter 18: Magnetism and Electromagnetism Revision  Practical 4: 2016 O lvl (Electricity) Practical 5: 2011 O Lvl (Thermal)	W3: 7 Apr (Good Fri) W6: 25-27 Apr (YSS Student Learning Festival) W7: 1 May (Labour Day) W10: MTL Intensive/Sec 3 Activities  W7: WA2 - Chapter 7 to 9, 14 to 18
June Wk 4  Hol HW	Practical 6: 2023 O Level (Moments) Practical 7: 2022 O Level (Pendulum)  2019 TYS P2	
3/ 1 - 6   3/ 7-10 Hol HW	2020 TYS P2 2019 & 2020 TYS P1 2021 TYS P2 2022 TYS P2 Practical & Prelim Exam 2023 TYS P2  Practical 8: 2022 Prelim (Electricity) Practical 9: Refraction	W1: 29 Jun (Hari Raya Haji) W5: 25-27 Jul (Oral Exam) W7: 7-9 Aug (National Day) W10: 1 Sep (Teachers' Day)  W5: WA3 (during consultation slot) – Chapter 1 to 6, 11 to 13
4/ 1-4	Revision for O-Level	

	Practical 10: Lens 2018 TYS P1 & 2	
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