

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Physics) 5076

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)	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)	WA1 - T1W9: Ch 3, 10
2/ 1 2/ 4-8 2/ 9 2/5-8 Hol Practical	Chapter 14: Static Electricity Chapter 18: Magnetism and Electromagnetism Revision Practical 4: 2015 O Lvl (Lens) Practical 5: 2016 O Lvl (Elect) Practical 6: 2011 O Lvl (Thermal)	WA2 - T2W9: Ch 14 to 18
3/ 1 to Prelim Hol HW 3/ 1-3 3/ 4-5	2019 TYS P1 & 2 2020 TYS P2 2021 TYS P1 & 2 Practical 7: 2022 O Lvl (Pendulum) Practical 8: 2007 O Lvl (Refraction)	Prelim – all topics
4/ 1-3	Revision for O-Level	