

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 1/ 2 -4 1/ 5 1/ 6-7 1/ 8 1/ 9-10 Hol HW	Drawing of Graphs Topic 11: Waves Topic 12: Electromagnetic Waves Topic 13: Sound Topic 14: Static Electricity Topic 15: Current Electricity SLS on Topic 15: Current Electricity	WA1 - T1W9: Ch 2, 11 to 13
1/ 2-5 1/ 6-9 1/ 10- 2/ 3	Practical 1: 2022 Prelim (Moments) Practical 2: 2013 O Lvl (Waves) Practical 3: 2017 O Lvl (CG)	
2/ 1-3 2/ 4-7 2/ 8-9 Hol HW	Topic 16: D.C. Circuits Topic 17: Practical Electricity Topic 18: Magnetism & Electromagnetism 2018 TYS P2	WA2 - T2W9: Ch 10 (Refraction & Lens), 14 to 17
2/ 5-8 Hol Practical	Practical 4: 2015 O Lvl (Lens) Practical 5: 2016 O Lvl (Elect) Practical 6: 2011 O Lvl (Thermal)	
3/ 1 3/ 2 to Prelim Hol HW	Topic 18: Magnetism & Electromagnetism 2019 TYS P1 & 2 2020 TYS P2 2021 TYS P1 & 2	Prelim - all topics
3/ 1-3 3/ 4-5	Practical 7: 2022 O Lvl (Pendulum) Practical 8: 2007 O Lvl (Refraction)	
4/ 1-3	Revision for O-Level	

