

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 1/ 3-4 1/ 5-6 1/ 7-8 1/ 9-10 Hol HW	Topic 13: Waves Topic 14: Electromagnetic Waves Topic 15: Sound Topic 16: Static Electricity Topic 17: Current Electricity Topic 18: D.C. Circuits SLS on Topic 19: Practical Electricity	WA1 - T1W6: Ch 12 (Refraction & Lens) to 15
1/ 3-4 1/ 6-7 1/ 9-10	Practical 1: Pendulum (decreasing amplitude) Practical 2: Refraction in Glass Block Practical 3: Thermal & Spring Practical 1 & 2: 1hr Practical 3: 1 hr 30 min	
2/ 1-2 2/ 3-4 2 / 4-7 2/ 8-9 Hol HW	Topic 19: Practical Electricity Topic 20: Magnetism Topic 21: Electromagnetism Topic 22: Electromagnetic Induction 2017 Paper 2	WA2 - T2W4: Ch 2, 3, 16 to 19
2/ 2-3 2 / 5-7	Practical 4: Waves and Lens Practical 5: 2022 Prelim All 1 hr 30 mins (excluding planning)	
June Wk 1	Practical 6: O Level 2018 Practical 7: O level 2022 All 2 hr	
3/ 1-2 3/ 3 3/ 4 3/ 5 3/ 6 3/ 7-10 Hol HW	Topic 22: Electromagnetic Induction 2018 P2 2019 P2 2020 P2 2019 and 2020 P1 Practical & Prelim Exam 2021 TYS P2	
3/ 3-4	Practical 8: O Lvl 2021	

	All 2 hr	
4/ 1-4	Revision for O-Level 2022 TYS P2 + Planning Questions	
4/ 1-2	Practical 9: O Lvl 2020 All 2 hr	