

YISHUN SECONDARY SCHOOL
 Subject & Code: Physics 6091
 Level & Stream: Sec 4 (Express)

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.		1. Math & Science Week 2. YSS Beyond Classroom Experience 3. CB Paul Science Quiz 4. Singapore Junior Olympiads
Term / Week	Learning Experiences (chapter, activity)	Learning Outcomes & Assessment
1/1 1/2 1/5 1/6 1/7 1/9	Chapter 11: Thermal Properties of Materials Chapter 12: Light Chapter 13: General Properties of Waves Chapter 14: EM Waves Chapter 15: Sound Chapter 16: Static Electricity	WA1 Ch 11-14 & Selected topics from Sec 3
2/1 2/3 2/5	Chapter 17: Current Electricity Chapter 18: DC Circuits Revision for SA1	WA2 Ch 15-18 & Selected topics from Sec 3 SA1 Ch 1-18
3/1 3/3 3/4 3/7	Chapter 19: Practical Electricity Chapter 20: Magnetism Chapter 21: Electromagnetism Chapter 22: Electromagnetic Induction	WA3 Ch 19-21 & Selected topics from Sec 3
	Revision Preparation for Practical Examination	Prelim All topics