

YISHUN SECONDARY SCHOOL  
 Subject & Code: Physics 6091  
 Level & Stream: Sec 3 (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. Sec 3 Math & Science Learning Journey 2. Math & Science Week 3. YSS Beyond Classroom Experience
Term / Week	Learning Experiences (chapter, activity)	Learning Outcomes & Assessment
1/1 1/3 1/5 1/8	Chapter 1: Measurements Chapter 4: Mass, Weight, Density Chapter 2: Kinematics Chapter 3: Dynamics	WA1 Ch 1,4 & 2
2/1 2/4 2/8	Chapter 5: Turning Effect of Moments Chapter 6: Work, Energy, Power Chapter 7: Pressure	WA2 Ch 3-6
3/1 3/2 3/4 3/6 3/9	Chapter 8: Temperature Chapter 9: Kinetic Model of Matter Chapter 10: Transfer of Thermal Energy Chapter 11: Thermal Properties of Matter Chapter 12: Light	WA3 Ch 7-10
4/1 4/2	Chapter 12: Light Revision for MYE	EOY All topics