YISHUN SECONDARY SCHOOL
Subject & Code: Science (Physics) K326
Level & Stream: Sec 3 G3

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. All class structured group work develops communication competency.
Term / Week	**Learning Experiences (Chapter, Activity)**	**Learning Outcomes & Assessment**
1/ 2-3 1/ 3-6 1/ 7-8 1/ 9-10	Chapter 1: Physical Quantities, Units and Measurements Chapter 12: Light Chapter 9: General Wave Properties I: Introduction Chapter 10: General Wave Properties II: Sound	W6: WA1 – Chapter 1 and 12
2/ 1 2/ 2-4 2/ 5-7 2 / 8-10	Chapter 11: Electromagnetic Spectrum Chapter 2: Kinematics Chapter 3: Force and Pressure Chapter 4: Dynamics	W6: WA2 – Chapter 2, 9, 10 and 11
3/ 1 3/ 2-4 3/ 5-7 3/ 8 3/ 9-10	Chapter 4: Dynamics Chapter 5: Turning Effects of Forces Chapter 6: Energy Chapter 7: Kinetic Particle Model of Matter Chapter 8: Thermal Process	W6: WA3 – Chapter 3, 4 and 5
4/ 1-3	Revision for EOY	EOY: Chapter 1 to 12