

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Physics) K223

Level & Stream: Sec 3 G2

<b>The Curriculum and Approaches to Learning</b>		<b>Key Programmes / Competitions</b>
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.
<b>Term / Week</b>	<b>Learning Experiences (Chapter, Activity)</b>	<b>Learning Outcomes &amp; Assessment</b>
1/ 1-3	Chapter 1: Physical Quantities, Units and Measurements	WA1 – Chapter 1, 9, and 11
1/ 4-6	Chapter 9: General Wave Properties I: Introduction	
1/ 7-8	Chapter 11: Electromagnetic Spectrum	
1/ 9-10	Chapter 2: Kinematics	
2/ 1-3	Chapter 2: Kinematics	WA2 – Chapter 2 – 4
2/ 4-6	Chapter 3: Forces and Pressure	
2/ 7-10	Chapter 4: Dynamics	
3/ 1-3	Chapter 6: Energy	WA3 – Chapter 6 – 8
3/ 3-6	Chapter 7: Kinetic Particle Model of Matter	
3/ 7-10	Chapter 8: Thermal Processes	
4/ 1-3	Revision for EOY	EOY: Chapter 1-4, 6-9, and 11