

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/ 2-3 1/ 3-7 1/ 8-9 1/ 10 Hol HW 1/ 2-5 1/ 6-10	Topic 1: Physical Quantities, Units and Measurements Topic 12: Light Topic 9: General Wave Properties I: Introduction Topic 10: General Wave Properties II: Sound SLS on Topic 10: General Wave Properties II: Sound Practical 1: Vernier Calipers, Micrometer Screw Gauge * Practical 2: Simple Pendulum * <i>*focus on concepts, measurement and recording skills</i>	WA1 - T1W7: Ch 1 & 12
2/ 1 2/ 2 2/ 3-5 2 / 6-8 2 / 9-10 Hol HW 2/ 1-4	Topic 10: General Wave Properties II: Sound Topic 11: Electromagnetic Spectrum Topic 2: Kinematics Topic 3: Force and Pressure Topic 4: Dynamics SLS on Topic 4: Dynamics Practical 3: Converging Lens* <i>*focus on concepts, measurement and recording skills</i>	WA2: T2W7: Ch 2, 9 to 12
3/ 1 3/ 2-4 3/ 5-7 3/ 8 3/ 9-10 Hol HW 3/ 6-9	Topic 4: Dynamics Topic 5: Turning Effects of Forces Topic 6: Energy Topic 7: Kinetic Particle Model of Matter Topic 8: Thermal Process Past Year EOY Practical 4: Pivoting Protractor using Paper Clips* <i>*focus on concepts, measurement and recording skills</i>	WA3 - TBC
4/ 1-3	Revision for EOY	

