

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 1/ 3-7 1/ 8-9 1/ 10 Hol HW 1/ 2-5 1/ 6-10	Chapter1: Physical Quantities, Units and Measurements Chapter 14: Light Chapter 11: General Wave Properties I: Introduction Chapter 12: General Wave Properties II: Sound SLS on Chapter 10: General Wave Properties II: Sound Practical 1: Vernier Calipers, Micrometer Screw Gauge * Practical 2: Converging Lens * <i>*focus on concepts, measurement and recording skills</i>	W1: back to school program W7: 12-13 Feb (CNY) W9: WA1 - Chapter 1 & 14
2/ 1 2/ 2 2 / 3-6 2/ 7 2/ 7-8 2 / 9-10 Hol HW 2/ 1-4 2 / 5-8	Chapter 12: General Wave Properties II: Sound Chapter 13: Electromagnetic Spectrum Chapter 2: Kinematics Chapter 3: Dynamics I: Mass and Weight Chapter 4: Dynamics II: Forces Chapter 5: Turning Effects of Forces SLS on Chapter 5: Turning Effects of Forces Practical 3: Vertical Oscillations* Practical 4: Speed** <i>*focus on concepts, measurement and recording skills</i> <i>**focus on measurements, recording skills and graphing</i>	W2: 29 Mar (Good Fri) W4: 10 Apr (Hari Raya Puasa) W5: Student Learning Fest W7: 1 May (Labour Day) W10: 22 May (Vesak Day) W9: WA2 - Chapter 2, 3, 11 to 13
3/ 1 3/ 2-4 3/ 5-7 3/ 8 3 / 9-10 Hol HW 3/ 1-2	Chapter 5: Turning Effects of Forces Chapter 6: Pressure Chapter 7: Energy Chapter 8: Kinetic Particle Model of Matter Chapter 9: Thermal Process 2023 EOY Paper 2 Practical 5: Pivoting Protractor using Paper Clips** <i>**focus on measurements, recording skills and graphing</i>	W2: 1 July (Youth Day) W5: 23-25 July HBL (GCE Oral Exam) W7: 8-9 Aug (National Day) Q10: 29-30 Aug (Teachers' Day) W9: WA3 - Chapter 4 to 7
4/ 1-2	Revision for EOY	EOY - Chapter 1 to 9, 11 to 14

	<u>EOY Holiday</u> Chapter 10: SLS on Thermal Properties of Matter (only heat cap & specific heat cap)	
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