

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Physics) 5105

Level & Stream: Sec 4 Normal (Academic)

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.		<p>Selected school competitions and enrichment programmes.</p> <p>All class structured group work develops communication competency.</p>
Term / Week	Learning Experiences (chapter, activity)	Remarks
1/1-3 1/4-7 1/8-10	<p>Chapter 10: Electric charge and Current of Electricity revision + Lab safety briefing</p> <p>Chapter 11: DC circuits</p> <p>Chapter 12: Practical Electricity</p> <p>Mar Hol Homework: SLS lesson on Chapter 15 Practical Electricity</p>	<p>W0: back to school program</p> <p>W4: 29-30 Jan (CNY)</p> <p>W6: WA1 - Chapter 2, 10 and 11 4P21 - Day 9 4P26 - Day 6</p>
2/1-3 2/4-10	<p>Chapter 13: Radioactivity</p> <p>Revision for N Level: - To complete 2024, 2023 and 2022 past year N level papers.</p> <p>June Holiday Assignment: 2021 paper past year N level paper</p>	<p>W2: 31 March (Hari Raya Puasa)</p> <p>W4: 18 Apr (Good Friday)</p> <p>W6: 1 May (Labour Day) 2 May HBL</p> <p>W7: 9 May HBL</p> <p>W8: 12 May (Vesak Day) / Student Learning Fest</p> <p>W10: MTL Intensive</p> <p>W4: WA2 - Chapter 1, 3, 4, 5, 12 and 13</p>
3/1-10	<p>Revision and Prelim</p> <p>- To complete 2020, 2019 and 2018 N level paper</p> <p>- To complete 2024, 2023 and 2022 YSS Prelim paper</p>	<p>W2: 7 July (Youth Day)</p> <p>W3: 15-17 July National Oral Exam</p> <p>W4: Timed Practice (Chapter 1 to 12)</p> <p>W6: 8 Aug (National Day)</p> <p>W7: 11 Aug (ND School Hol)</p> <p>W10: 4 Sep (Teachers' Day Celebration)</p> <p>W10: 5 Sep (Teachers' Day)</p>
4/1-5	<p>Revision and GCE N-Level Exam</p> <p>- To complete 5 other school papers.</p>	