

Peicai Secondary School
Subject Overview for Semester 2 / 2022
Science Physics 5076 [Secondary Four / Five (Express / Normal Academic)]

Semester 2			
Term 3 [27 June – 2 September]			
Week	Chapter/Topic	Assignment/Homework	Weighted Assessment
Week 1 [27 Jun - 1 Jul]	(1) Chapter 18: Magnetism and Electromagnetism (2) Practical	Workbook on Magnetism and Electromagnetism	
Week 2 [4 Jul - 8 Jul] <i>4 Jul- Youth Day Holiday</i>	(1) Chapter 18: Magnetism and Electromagnetism (2) Practical	Workbook on Magnetism and Electromagnetism	
Week 3 [11 Jul - 15 Jul] <i>11 Jul- Hari Raya Haji</i>	(1) Chapter 18: Magnetism and Electromagnetism (2) Practical	Workbook on Magnetism and Electromagnetism	
Week 4 [18 Jul - 22 Jul]	(1) 2021 Yearly TYS Paper 2 revision for all topics (2) Practical	2021 Yearly TYS	
Week 5 [25 Jul - 29 Jul]	(1) 2020 Yearly TYS Paper 2 revision for all topics (2) Practical	2020 Yearly TYS	
Week 6 [01 Aug - 05 Aug]	2019 Yearly TYS Paper 2 revision for all topics	2019 Yearly TYS	
Week 7 [08 Aug - 12 Aug] <i>08 Aug: National Celebration</i> <i>09 Aug: PH</i> <i>10 Aug: School Holiday</i> <i>11 – 12 Aug: WA3</i>	2018 Yearly TYS Paper 2 revision for all topics	2018 Yearly TYS	
Week 8 [15 Aug - 19 Aug] <i>15 – 17 Aug: WA3</i>	2017 Yearly TYS Paper 2 revision for all topics	2017 Yearly TYS	<u>O Level Science Practical Prelim Examination</u> Duration: 1h 30 min, Marks: 15

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<p>Week 9 [22 Aug - 26 Aug]</p>	<p>O Level Prelim Examinations</p>		<p><u>O Level Prelim Examination</u> <i>Paper 1: Physics and Chemistry component</i> <i>Duration: 1 hour</i> <i>Marks : 40</i></p> <p><i>Paper 2: Physics only</i> <i>Duration: 1 hour 15 minutes,</i> <i>Marks : 65</i></p> <p><u>Topics/Areas to be tested</u></p> <p>Chapter 1: Measurement Chapter 2: Kinematics Chapter 3: Forces and Pressure Chapter 4: Mass, Weight and Density Chapter 5: Turning Effect of Forces Chapter 6: Energy, Work and Power Chapter 7: Kinetic Model of Matter Chapter 8: Transfer of Thermal Energy Chapter 9: Thermal Properties of Matter Chapter 10: Light Chapter 11: Waves Chapter 12: Electromagnetic Waves Chapter 13: Sound Chapter 14: Static Electricity Chapter 15: Current Electricity Chapter 16: D.C. Circuits Chapter 17: Practical Electricity Chapter 18: Magnetism and Electromagnetism</p>
<p>Week 10 [29 Aug - 02 Sep] 01 Sep; Teacher's Day celebration 02 Sep: Teachers' Day</p>			

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Term 4 [12 September – 28 October]			
Week	Chapter/Topic	Assignment/Homework	Weighted/Unweighted Assessment
Week 1 [12 Sep - 16 Sep]	Error Analysis		
Week 2 [19 Sep - 23 Sep]	2016 Yearly TYS Paper 2 revision for all topics	2016 Yearly TYS	
Week 3 [26 Sep – 30 Sep]	2015 Yearly TYS Paper 2 revision for all topics	2015 Yearly TYS	
Week 4 [03 Oct – 07 Oct]	2014 Yearly TYS Paper 2 revision for all topics	2014 Yearly TYS	
Week 5 [10 Oct – 14 Oct]	O Level Study Break		

This subject overview is tentative and is subject to changes.