

Peicai Secondary School
Subject Overview for Semester 2 / 2022
Science Physics 5076 [Secondary Three (Express)]

Semester 2			
Term 3 [27 June – 2 September]			
Week	Chapter/Topic	Assignment/Homework	Weighted Assessment
Week 1 [27 Jun - 1 Jul]	Topic: Chapter 4 Mass, Weight and Density	Workbook on Mass, Weight and Density	
Week 2 [4 Jul - 8 Jul] <i>4 Jul- Youth Day Holiday</i>	Topic: Chapter 5 Turning effect of forces	Workbook/worksheet on Turning Effect of Forces	
Week 3 [11 Jul - 15 Jul] <i>11 Jul- Hari Raya Haji</i>	Topic: Chapter 5 Turning effect of forces	Workbook/worksheet on Turning Effect of Forces	
Week 4 [18 Jul - 22 Jul]	Topic: Chapter 5 Turning effect of forces	Workbook/worksheet on Turning Effect of Forces	
Week 5 [25 Jul - 29 Jul]	Topic: Chapter 5 Turning effect of forces	Workbook/worksheet on Turning Effect of Forces	
Week 6 [01 Aug - 05 Aug]	Topical Ten Year Series - Revision for WA3	Topical Ten Year Series	
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>	Revision for WA3	Topical Ten Year Series	<u>Weighted Assessment 3</u> <i>Duration:1 hour, Marks : 45</i> <u>Topics/Areas to be tested:</u> Chapter 1: Measurement Chapter 2: Kinematics Chapter 3: Forces and Pressure Chapter 4: Mass, Weight and Density Chapter 5: Turning Effect of Forces
Week 8 [15 Aug - 19 Aug] <i>15 – 17 Aug: WA3</i>	Revision for WA3 / Error Analysis	Topical Ten Year Series	

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			Chapter 7: Kinetic Model of Matter Chapter 8: Transfer of Thermal Energy Chapter 9: Thermal Properties of Matter
Week 9 [22 Aug - 26 Aug]	Error Analysis Topic: Chapter 6 Energy, Work and Power	Workbook/worksheet on Energy, Work and Power	
Week 10 [29 Aug - 02 Sep] <i>01 Sep: Teacher's Day celebration</i> <i>02 Sep: Teachers' Day</i>	Error Analysis Topic: Chapter 6 Energy, Work and Power	Workbook/worksheet on Energy, Work and Power	
Term 4 [12 September – 28 October]			
Week	Chapter/Topic/Skill/Area	Assignment/Homework	Weighted Assessment
Week 1 [12 Sep - 16 Sep]	Error Analysis Topic: Chapter 6 Energy, Work and Power	Workbook/worksheet on Energy, Work and Power	
Week 2 [19 Sep - 23 Sep]	Error Analysis Topic: Chapter 6 Energy, Work and Power	Workbook/worksheet on Energy, Work and Power	
Week 3 [26 Sep – 30 Sep]	Revision	Revision worksheet	<u>End of Year Examination</u> <i>Paper 1: Physics and Chemistry component</i> <i>Duration: 1 hour</i> <i>Marks : 40</i>
Week 4 [03 Oct – 07 Oct]	Revision	Revision worksheet	<i>Paper 2: Physics only</i> <i>Duration: 1 hour 15 minutes,</i> <i>Marks : 65</i> <u>Topics/Areas to be tested</u> Chapter 1: Measurement Chapter 2: Kinematics Chapter 3: Forces and Pressure

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			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
Week 5 [10 Oct – 14 Oct]	Error Analysis		
Week 6 [17 Oct – 21 Oct]			
Week 7 [24 Oct – 28 Oct]	Post Exam Activity		

This subject overview is tentative and is subject to changes.