

Peicai Secondary School
Subject Overview for Semester 2 / 2022
Physics 6091 [Secondary Three (Express)]

Semester 2			
Term 3 [27 June – 2 September]			
Week	Chapter/Topic	Assignment/Homework	Weighted/Unweighted Assessment
Week 1 [27 Jun - 1 Jul]	Topic: Chapter 5 Turning effect of forces	<i>WB pg 39 Qn 1</i> <i>Pg 41 Qn 2 and 4</i> <i>Pg 42 Qn 5 and</i> <i>Section C Qn 1</i> <i>Pg 43-44 Qn 2</i>	
Week 2 [4 Jul - 8 Jul] <i>4 Jul- Youth Day Holiday</i>	Topic: Chapter 5 Turning effect of forces Practical on Moments	P. Workbook TYS Topical	Unweighted assessment Short Quiz of Moments (Fri)
Week 3 [11 Jul - 15 Jul] <i>11 Jul- Hari Raya Haji</i>	Topic: Chapter 6 Energy, Work and Power Inquiry Lesson on Solar Energy	WB pg 46-47 Qn 1-4, 6 Pg 48-51 Qn 2, 4, 6, 7 Pg 52 Qn 1	
Week 4 [18 Jul - 22 Jul]	Topic: Chapter 6 Energy, Work and Power	WB pg 45-54 Section A Qn 5 Section B Qn 5, 8 Section C Qn 2	
Week 5 [25 Jul - 29 Jul]	Topic: Chapter 6 Energy, Work and Power - Power and Efficiency	TYS Topical	Unweighted assessment Short Quiz of Work Energy Power (Fri)
Week 6 [01 Aug - 05 Aug]	Revision for WA3 Chapter 1 to 4		
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 Chapter 8 to 11		Weighted Assessment 3 <i>Duration:1 hour, Marks : 45</i> <u>Topics/Areas to be tested:</u> Chapter 1: Measurement Chapter 2: Kinematics Chapter 3: Forces Chapter 4: Mass, Weight and Density

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Week 8 [15 Aug - 19 Aug] <i>15 – 17 Aug: WA3</i>	WA3 and Error Analysis Topic: Chapter 7 Pressure	WB pg 56 Section A Qn 4, Section B Q 1 and 2 Pg 59-60 Q 8 Pg 61-62 Data Based Q2	Chapter 5: Turning Effect of Forces Chapter 6: Work Energy Power Chapter 8: Temperature Chapter 9: Kinetic Model of Matter Chapter 10: Transfer of Thermal Energy Chapter 11: Thermal Properties of Matter
Week 9 [22 Aug - 26 Aug]	Topic: Chapter 7 Pressure Practical	WB Pg 57 Qn 3 Pg 59 Data Qn 7 TYS Pressure	
Week 10 [29 Aug - 02 Sep] <i>01 Sep; Teacher's Day celebration</i> <i>02 Sep: Teachers' Day</i>	End of Year Paper 2021 (Time Trial)		
Term 4 [12 September – 28 October]			
Week	Chapter/Topic	Assignment/Homework	Weighted/Unweighted Assessment
Week 1 [12 Sep - 16 Sep]	Revision for first 7 topics	Other School papers	Unweighted Short Quiz of Pressure (Fri)
Week 2 [19 Sep - 23 Sep]	Revision for thermal / full papers		
Week 3 [26 Sep – 30 Sep]			<u>End of Year Examination1</u> <i>Paper 1: 45 mins (30 Questions)</i> <i>Paper 2: 1h 35 mins (70 marks)</i> <u>Topics/Areas to be tested:</u>
Week 4 [03 Oct – 07 Oct]			Chapter 1: Measurement Chapter 2: Kinematics Chapter 3: Forces Chapter 4: Mass, Weight and Density Chapter 5: Turning Effect of Forces

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			Chapter 6: Work Energy Power Chapter 7: Pressure Chapter 8: Temperature Chapter 9: Kinetic Model of Matter Chapter 10: Transfer of Thermal Energy Chapter 11: 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.