

Peicai Secondary School
Subject Overview for Semester 2 / 2022
Science (Syllabus T) 5148 [Secondary Three (Normal Technical)]

Semester 2			
Term 3 [27 June – 2 September]			
Week	Chapter/Topic	Assignment/Homework	Weighted Assessment
Week 1 [27 Jun - 1 Jul]	Module 4 – Chapter 1 and 2: Energy and Its Uses, Energy transfer through waves	Transfer of thermal energy Workbook Activity 1.1 (Pg 1, 2) Energy conversion Workbook Activity 1.3 (Pg 7, 8) Energy conservation Workbook Activity 1.4 (Pg 9, 10)	
Week 2 [4 Jul - 8 Jul] <i>4 Jul- Youth Day Holiday</i>	Module 4 – Chapter 1 and 2: Energy and Its Uses, Energy transfer through waves	Power Workbook Activity 1.5 (Pg 11, 12) Consolidated practice Workbook (Pg 13 - 24)	
Week 3 [11 Jul - 15 Jul] <i>11 Jul- Hari Raya Haji</i>	Module 4 – Chapter 1 and 2: Energy and Its Uses, Energy transfer through waves	Wave motions Workbook Activity 2.1, 2.2 (Pg 25 - 28) EM Waves Workbook Activity 2.3 (Pg 29, 30) Consolidated practice Workbook (Pg 31 - 39)	
Week 4 [18 Jul - 22 Jul]	Module 4 – Chapter 3: Balanced and Unbalanced Forces	Workbook Activity 3.2 (Pg 44 - 46) Average speed Workbook Activity 3.5 (Pg 52, 53)	

Peicai Secondary School
Subject Overview for Semester 2 / 2022
Science (Syllabus T) 5148 [Secondary Three (Normal Technical)]

Week 5 [25 Jul - 29 Jul]	Module 4 – Chapter 3: Balanced and Unbalanced Forces	Moments Workbook Activity 3.7 (Pg 56, 57) Consolidated practice Workbook (Pg 58 - 68)	
Week 6 [01 Aug - 05 Aug]	Module 4 – Chapter 3: Balanced and Unbalanced Forces	Consolidated practice Workbook (Pg 58 - 68)	
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>	Module 4 – Chapter 3: Balanced and Unbalanced Forces	Revision Quiz (Energy and its uses, energy transfer through waves)	Weighted Assessment 3 <i>Duration:1 hour, Marks : 45</i> <u>Topics/Areas to be tested:</u> 1. Chapter 9: Disgestion 2. Chapter 10: Breathing 3. Chapter 11: Fitness and Cardiac Health 4. Chapter 12: Staying Healthy 5. Chapter 1 & 2: Energy and its Uses and energy transfer through waves 6. Chapter 3: Balanced and Unbalanced forces
Week 8 [15 Aug - 19 Aug] <i>15 – 17 Aug: WA3</i>	Module 4 – Chapter 4: Electricity	Circuit symbols Workbook Activity 4.1 (Pg 69 - 71) Current, Voltage, Resistance Workbook Activity 4.2, 4.3, 4.4 (Pg 72 - 78)	
Week 9 [22 Aug - 26 Aug]	Module 4 – Chapter 4: Electricity	Practical Work Test and measure using multimeter Current in series and parallel Workbook Activity 4.5, 4.6 (Pg 79 - 82)	
Week 10 [29 Aug - 02 Sep] <i>01 Sep; Teacher's Day celebration</i> <i>02 Sep: Teachers' Day</i>	Module 4 – Chapter 4: Electricity	Safe use of electricity, Utility bill Workbook Activity 4.7, 4.8 (Pg 83 - 87) Consolidated practice Workbook (Pg 88 – 100)	

Peicai Secondary School
Subject Overview for Semester 2 / 2022
Science (Syllabus T) 5148 [Secondary Three (Normal Technical)]

Term 4 [12 September – 28 October]			
Week	Chapter/Topic	Assignment/Homework	Weighted Assessment
Week 1 [12 Sep - 16 Sep]	Revision For Topics	Revision Worksheets	
Week 2 [19 Sep - 23 Sep]			
Week 3 [19 Sept – 23 Sept]	EOY Examinations	-	<u>End of Year Examination</u> Duration: 45 min Paper 1 – 30 MCQ
Week 4 [3 Oct – 7 Oct]			Duration: 1h Paper 2 – Structured Response Questions, including one data response question. <u>Topics/Areas to be tested:</u> Chapter 1, 2, 3, 4, 9, 10 , 11, 12
Week 5 [10 Oct – 14 Oct] <i>14 Oct – Marking Day</i>	Error Analysis		
Week 6 [17 Oct – 21 Oct]	Error Analysis		
Week 7 [24 Oct – 28 Oct] <i>24 Oct – Deepavali</i>	Post exam activity		

This subject overview is tentative and is subject to changes.