

Peicai Secondary School
Subject Overview for Semester 2 / 2022
Science Biology 5078 [Secondary Four (Express / Five (Normal Academic))]

Semester 2			
Term 3 [27 June – 2 September]			
Week	Chapter/Topic	Assignment/Homework	Weighted Assessment
Week 1 [27 Jun - 1 Jul]	Chp 18: Ecology	<ul style="list-style-type: none"> • Chp 18 Notes • WB pg 125 – 133 • TYS Topic 13 (pg 119 – 135) 	
Week 2 [4 Jul - 8 Jul] <i>4 Jul- Youth Day Holiday</i>			
Week 3 [11 Jul - 15 Jul] <i>11 Jul- Hari Raya Haji</i>	Chp 19: Our Impact on the Ecosystem	<ul style="list-style-type: none"> • Chp 19 Notes • WB pg 125 – 133 • TYS Topic 13 (pg 119 – 135) 	
Week 4 [18 Jul - 22 Jul]			
Week 5 [25 Jul - 29 Jul]	Revision for Sec 3 Topics		
Week 6 [01 Aug - 05 Aug]	Revision for Sec 4 Topics		
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 Sec 4 Topics		
Week 8 [15 Aug - 19 Aug] <i>15 – 17 Aug: WA3</i>			<u>O Level Science Practical Prelim Examination</u> Duration: 1h 30 min, Marks: 15
Week 9 [22 Aug - 26 Aug]			<u>Prelims</u> <i>Duration: 1 hour 15 minutes</i> <i>Paper 4: 65 marks</i> <i>Duration: 1 hour (inclusive of chemistry MCQ)</i> <i>Paper 6 (MCQ): 20 marks</i> <i>Duration: 1 hour 30 minutes (inclusive of chemistry practical)</i> <i>Practical: 15 marks</i> <i>Total (Bio): 100 marks</i>
Week 10 [29 Aug - 02 Sep] <i>01 Sep; Teacher's Day celebration</i> <i>02 Sep: Teachers' Day</i>	O Level Prelim Examinations		<u>Topics/Areas to be tested:</u> 1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Nutrition in Humans

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			5. Nutrition in Plants 6. Transport in Flowering Plants 7. Transport in Humans 8. Respiration in Humans 9. Co-ordination and Response in Humans 10. Reproduction 11. Molecular Genetics 12. Inheritance 13. Organisms and their Environment
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]	Revision for O Levels		
Week 3 [26 Sep – 30 Sep]			
Week 4 [03 Oct – 07 Oct]		Science (Chem/Bio) O Level Practical: Syllabus covered same as O Levels	
Week 5 [10 Oct – 14 Oct]	O Level Study Break		

This subject overview is tentative and is subject to changes.