

Peicai Secondary School  
 Subject Overview for Semester 1 2023  
 Science Biology | Secondary 5 | Normal (Academic)

Term 1			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 3 & 4  T1W3 – CNY celebration (Fri)  T1W4 – CNY (Mon & Tue)	11.1 Sensitivity  11.2 The human nervous system  11.3 How does the nervous system process information?		
Week 5 & 6	12.1 What are sense organs? • Practical		
Week 7 & 8	12.2 How do we see?  13.1 What are hormones?		<u>WA1 (T1W7):</u> <ul style="list-style-type: none"> <li>• Respiration in humans</li> <li>• The nervous system</li> <li>• The human eye</li> </ul>
Week 9 & 10	13.2 Endocrine glands and the hormonal secretion  13.3 Effects of some hormones  13.4 Comparing endocrine and nervous controls	Assignment 1 – Chapter 9 TYS	

Term 2			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 1 & 2	16.1 Heredity  16.2 Basic knowledge for studying heredity  16.3 Determining genotypes  • Practical		
Week 3 & 4  T2W3 – Good Friday (Fri)	16.4 Discontinuous and continuous variation  16.5 Mutation	Assignment 2 – Chapter 12 TYS	
Week 5 & 6  T2W6 – Hari Raya Puasa (in-lieu) (Mon)	17.1 DNA  • Practical		
Week 7 & 8  T2W7 – Labour Day (Mon)	17.2 Genes  • Practical	Assignment 3 – Chapter 11 TYS	<u>WA2 (T2W8):</u> <ul style="list-style-type: none"> <li>• Nutrition in humans</li> <li>• Nutrition in plants</li> <li>• Transport in humans</li> <li>• Transport in plants</li> <li>• Hormones</li> <li>• Heredity</li> <li>• Molecular genetics</li> </ul>
Week 9 & 10	18.1 What is Ecology?  18.2 The Abiotic Environment  18.3 The Biotic Environment  18.4 Energy and Nutrient Flow  18.5 Ecological Pyramids  18.6 Nutrient cycling in an ecosystem  18.7 Carbon sinks	Assignment 4 – Chapter 13 TYS	

The subject overview is tentative and is subject to changes.