

St Paul's International College, Scope and Sequence, Biology, Stage 6, Year 11, 2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Ter m 1	Module 1 - Cells as the Basis of Life (30 hrs)						Depth Study 1 (6 hrs)		Module 2 -		
	Students investigate biochemical processes of photosynthesis and respiration, the way substances move into and out of cells and how the structure of organelles, cells and tissues affect the functioning of organisms.						Students plan and carry out an investigation on the environmental effects on enzyme activity		Students examine the transport systems in living		
	Outcomes: BIO11/12-3, BIO11/12-4, BIO11-8								Outcomes: BIO11/12-4, BIO11/12-6,		
Ter m 2	Organisation of Living Things (30 hrs)				Depth Study 2 (9 hrs)		Module 3 –				
	things and compare nutrient and gas requirements.				Students plan and carry out an investigation of environmental effects on transpiration		Students learn about the development of				
	BIO 11/12-7, BIO11-9						Outcomes: BIO11/12-1, BIO11/12-2,				
					Assessment: Practical report		Assessment: Research report – modern day				
Ter m 3	Biological Diversity			Module 4 – Ecosystem Dynamics					Exam		
	biodiversity through the process of evolution			Students engage in the study of past ecosystems and create models of possible future ecosystems so that human impact on biodiversity can be minimised.							
	BIO11/12-7, BIO11-10			Outcomes: BIO11/12-1, BIO11/12-2, BIO11/12-3, BIO11/12-4, BIO11/12-5, BIO11-11							
	example of evolution								Assessment Task 3		