

HSC Biology – Stage 6, Year 11

Albion Park High School – Scope and Sequence 2018

Teacher: Emma Nelson



Term 1 - 10 weeks 4 days

Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9	Week10	Week 11 (Only 4 days)
Module 4 - Ecosystem Dynamics							Depth Study			
26 hours, 8 hours a fortnight							15 hours			
BIO11/12-1, BIO11/12-2, BIO11/12-3, BIO11/12-4, BIO11/12-5, BIO11-11							BIO11/12-1, BIO11/12-3, BIO11/12-4, BIO11/12-7, BIO11-11			
Students engage in the study of past ecosystems and create models of possible future ecosystems so that human impact on biodiversity can be minimised.							Depth Study including Field Study			
Assessment Informal assessment Yearly examination							Assessment Field study with IEEC Aspect of Depth Study: 30% Due term 1 week 10			

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Term 2 - 9 weeks 4 days

Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9	Week 10 (Only 4 days)
Module 1 - Cells as the Basis of Life						Module 2 - Organisation of Living Things			
24 hours - 6 weeks, 8 lessons a fortnight						26 hours, 8 hours a fortnight			
BIO11/12-3, BIO11/12-4, BIO11-8						BIO11/12-4, BIO11/12-6, BIO11/12-7, BIO11-9			
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 examine the relationship between transport systems in living things and compare nutrient and gas requirements.			
Assessment Practical Investigation 30% Due: Term 2, week9						Assessment Informal assessment Yearly examination			

Term 3 - 9 weeks 4 days

Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9	Week 10 (Only 4 days)	
Module 2 - Organisation of Living Things		Module 3 - Biological Diversity							Exams	
26 hours, 8 hours a fortnight										
BIO11/12-4, BIO11/12-6, BIO11/12-7, BIO11-9		BIO11/12-1, BIO11/12-2, BIO11/12-7, BIO11-10								
Students examine the relationship between transport systems in living things and compare nutrient and gas requirements.		Biodiversity is important to balance the Earth's ecosystems. Students learn about the Theory of evolution by Natural Selection and the effect of various pressures.								
		Assessment Informal assessment Yearly examination								

Term 4 - 9 weeks 3 days

Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9	Week 10 (Only 3 days)