

SCIENCE YEAR 9+10 Marine Studies- SCOPE AND SEQUENCE

SEMESTER 1 | TERM 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	
Core 1: Introduction to Marine and Aquaculture Technology MAR5-1, MAR5-2, MAR5-3, MAR5-7, MAR5-9, MAR5-10, MAR5-11, MAR5-13, MAR5-14											
Water Safety, General First Aid, Equipment Maintenance			Task 1: Core 1 Topic Test		The Marine Environment: Chemical and Physical indicators			Task 2: Marine Environment Board Game		Types of ecological niches and its features	

SEMESTER 1 | TERM 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Optional Module 6 Dangerous Marine Creatures (15 hours) MAR5-1, MAR5-13, MAR5-9, MAR5-10						Optional Module 5: Marine Mammals (10 hours) MAR5-1, MAR5-3, MAR5-9, MAR5-10			
Types of DMC's, data and statistics on human interactions					Task 3: DMC Research Task (Brochure)	Marine Mammal Anatomy, physiology and habitats			

SEMESTER 2 | TERM 3

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Module 5 Continued (5 hours)		Optional Module 36: Food from the Sea MAR5-10, MAR5-9, MAR5-13							
			International Cuisine – nutritional information			Task 4: Seafood Recipe and Meal Prep.		Aquaculture and sustainable practices.	

SEMESTER 2 | TERM 4

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Optional Module 29: Fish Biology MAR5-1, MAR5-3, MAR5-9, MAR5-10				Optional Module 44: Shipwrecks and Salvage MAR5-1, MAR5-13, MAR5-9, MAR5-10					
Fish classification and Anatomy and Physiology				Local and international shipwrecks case studies, Reasons for Shipwrecks					

SCIENCE YEAR 9+10 Marine Studies ROSA ASSESSMENT SCHEDULE

TASK NUMBER	TASK 1	TASK 2	TASK 3	TASK 4
TOPIC AREA	Core 1	Core 1	Module 6	Module 36
TASK DESCRIPTION	Core 1 Topic Test (25%)	Marine Environment Board Game (25%)	Dangerous Marine Creatures Research Task & Presentation (25%)	Seafood Recipe and Meal Preparation (25%)
DATE	Week 4, Term 1	Week 9, Term 1	Week 6, Term 2	Week 6, Term 3
OUTCOMES	MAR5-1, MAR5-2, MAR5-3, MAR5-7, MAR5-9, MAR5-10, MAR5-11, MAR5-13, MAR5-14	MAR5-1, MAR5-3, MAR5-9, MAR5-10	MAR5-1, MAR5-13, MAR5-9, MAR5-10	MAR5-10, MAR5-9, MAR5-13