

2022 Marine Studies Scope & Sequence

Creating Futures		Fa	Faculty: STEM		Subje	ct: Mari	ne Studies	Year:	12		
1	2	3	4	5	6	7	8	9	10	11	
Outcomes: 1 Description: This optional interrelation In this modu • What ar • How are • What ar • Why are • What ar Skills : comm diagrams	Aodule 6 – Coral Re 1, 1.2, 1.3, 1.4, 2.3 module introduces hips that exist with e students investig coral reefs? they formed? some of the intern coral reefs importa some of the threa unication of inform	, 3.1, 3.2, 3.3, 3.4 s students to the nin coral reef com ate the following relationships that ant? ts to coral reefs? ation, processing	, 5.4 most biodiverse munities. It pro questions: t exist on coral re ; and analysing an	vides an ideal opp eefs? nd evaluating data	ortunity for stud	ents to complete	their study on si	te in Australia's (Great Barrier Reef	Marine Parl	
									Research task 30%		
1	2	3	4	5	6	7	8	9	10	11	
Timing: 5 ½ v Outcomes: 1 Description: This module	ock Platform (15 h veeks (school devel 1, 1.3, 1.4, 2.2, 3.2 ntroduces rock pla	oped) , 3.3, 3.4, 4.2 tforms and the a	nimals and plant. rock platform ha		Timing Outcon Descrip ive This mo	 Title / Unit: Marine Pests and Threats (15 hours) Timing: 5 ½ weeks (school developed) Outcomes: 1.1, 1.2, 1.3, 2.1, 3.1, 3.2, 3.3, 4.2, 5.2 Description: This module introduces an awareness of the pests and threats that can affect the NS marine environment, and the measures that can minimise their impact on the 					

there. Students investigate the harshness of the rock platform habitat and the

adaptations that organisms living on it need for survival.

Skills: communication of information, collecting and processing and analysing and Skills: communication of information, collecting and processing and analysing and evaluating data and information, carrying out planned research, generating information evaluating data and information, carrying out planned research, generating information from data from data

Assessment data and weightings:

TERM

					Data analysis
					20%

environment and economy.

Assessment data and weightings: Data analysis – term 1 - Week 11 - 20%

	1	2	3	4	5	6	7	8	9	10
TERM 2	Outcomes: 1.1, 1 Description: This module will a catching fish. Students investig What is the c What regulat What technic How did indi How can hur Skills: communica	.2, 1.5, 2.1, 2.3, 3.3 allow students to c ate the following c current state of our tions govern the ta ques are used by c genous people cat nans fish safely? ation of informatic	uestions: r wild fish stocks? king of fish? ommercial and recre ch fish?	5.3 edge of all aspects eational fishers? ganising relevant d	of commercial and ata and informatic		ing. It introduces stu lanned research, ger			l aspects of
									Practical Portfolio 30%	

	1	2	3	4	5	6	7	8	9	10		
	Yearly Examinati	on	Title / Unit: Module 10 - Personal Interest Project (30 hours)									
	Assessment data	Assessment data and weighting:		Outcomes: 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.3, 3.2, 3.3, 3.4								
	20%		Description:									
Outcomes: 2.3, 3.2, 3.3 (skills) This module provides students with the opportunity to investigate, report and communicate their own ideas on a marine related t								topic which				
 1.1, 1.2, 1.3, 1.4, 4.1, 4.2, 5.1, 5.2, 5.3 (knowledge) interests them. The project is an important opportunity for students to apply the skills they have acquired to solve a defined knowledge and skills needed to undertake tasks should be developed throughout the modules studied previously. Students are expected to select their own topic based on one or more of the key areas introduced in the core units. 									usly.	blem. The		
	Skills: time management, communication of information, collecting and organising relevant data and information, carrying out plan generating information from data Assessment data and weightings:								lanned research,			
	Yearly exam											
	20%											