

2022 Marine and Aquaculture Technology Scope & Sequence

Faculty: STEM **Subject:** Marine and Aquaculture Technology **Year:** 10

	1	2	3	4	5	6	7	8	9	10	11
TERM 1	Bootcamp	<p>Project: How can we stay safe in the marine environment and enjoy it at the same time? Title / Unit: Core 1 – Introduction to Marine and Aquaculture Technology Timing: 6 weeks Outcomes: MAR5-1, MAR5-2, MAR5-3, MAR5-7, MAR5-9, MAR5-10, MAR5-11, MAR5-13, MAR5-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating 4Cs: communication, collaboration, critical thinking, creativity Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table, measurement, units Preparation skills for Stage 6: data analysis, investigations Assessment data and weightings: Knowledge and Data Analysis (in class written task) 25% Term 1 Week 8</p>							<p>Project: How can we stay safe in the marine environment and enjoy it at the same time? Title / Unit: Module 5 – Marine Mammals</p>		
	<p>Project: How can we stay safe in the marine environment and enjoy it at the same time? Title / Unit: Module 5 – Marine Mammals Timing: 7 weeks Outcomes: MAR5-2, MAR5-3, MAR5-7, MAR5-8, MAR5-9, MAR5-13, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating 4Cs: communication, collaboration, critical thinking, creativity Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table Preparation skills for Stage 6: data analysis, investigations Assessment data and weightings: Research Project 25% Term 2 Week 3</p>		<p>Project: How can we stay safe in the marine environment and enjoy it at the same time? Title / Unit: Module 6 – Dangerous Marine Creatures Timing: 6 weeks Outcomes: MAR5-3, MAR5-7, MAR5-9, MAR5-10, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, tables Preparation skills for Stage 6: data analysis, investigations 4Cs: communication, collaboration, critical thinking, creativity Assessment data and weightings: Canvas quiz knowledge and data analysis 25% Term 3 Week 1</p>								
TERM 2	<p>Project: Let's go "walkelling" Title / Unit: Module 8 – Rock platforms Timing: 6 weeks Outcomes: MAR5-1, MAR5-2, MAR5-7, MAR5-13, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table Preparation skills for Stage 6: data analysis, investigations 4Cs: communication, collaboration, critical thinking, creativity Assessment data and weightings: Field study Term 3 Week 7 25%</p>			<p>Project: How do fish work? Title / Unit: Module 29 – Fish Biology Timing: 6 weeks Outcomes: MAR5-1, MAR5-9, MAR5-10, MAR5-13, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table Preparation skills for Stage 6: data analysis, investigations 4Cs: communication, collaboration, critical thinking, creativity Assessment data and weightings: NA</p>							
	<p>Project: How do fish work? Title / Unit: Module 29 – Fish Biology</p>		<p>Project: Title / Unit: Module 10 – Living Together in the Sea Timing: 7 weeks Outcomes: MAR5-1, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table, measurement, units Preparation skills for Stage 6: data analysis, investigations 4Cs: communication, collaboration, critical thinking, creativity Assessment data and weightings: NA</p>								
TERM 3	<p>Project: How do fish work? Title / Unit: Module 29 – Fish Biology</p>		<p>Project: Title / Unit: Module 10 – Living Together in the Sea Timing: 7 weeks Outcomes: MAR5-1, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table, measurement, units Preparation skills for Stage 6: data analysis, investigations 4Cs: communication, collaboration, critical thinking, creativity Assessment data and weightings: NA</p>								
	<p>Project: How do fish work? Title / Unit: Module 29 – Fish Biology</p>		<p>Project: Title / Unit: Module 10 – Living Together in the Sea Timing: 7 weeks Outcomes: MAR5-1, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table, measurement, units Preparation skills for Stage 6: data analysis, investigations 4Cs: communication, collaboration, critical thinking, creativity Assessment data and weightings: NA</p>								
TERM 4	<p>Project: How do fish work? Title / Unit: Module 29 – Fish Biology</p>		<p>Project: Title / Unit: Module 10 – Living Together in the Sea Timing: 7 weeks Outcomes: MAR5-1, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table, measurement, units Preparation skills for Stage 6: data analysis, investigations 4Cs: communication, collaboration, critical thinking, creativity Assessment data and weightings: NA</p>								
	<p>Project: How do fish work? Title / Unit: Module 29 – Fish Biology</p>		<p>Project: Title / Unit: Module 10 – Living Together in the Sea Timing: 7 weeks Outcomes: MAR5-1, MAR-14 Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating Literacy focus: SST, tier 2 words, spelling, grammar, punctuation Numeracy focus: data analysis, graphs, table, measurement, units Preparation skills for Stage 6: data analysis, investigations 4Cs: communication, collaboration, critical thinking, creativity Assessment data and weightings: NA</p>								

