

Is it living in the Marine Environment? – Year 3

Students focus on looking for relationships and patterns by observing and grouping the unique living animals and plants in a variety of marine environments. The key practical components from **Curriculum into the Classroom - Science Unit 1 (V2.0) – Is it Living?**, lessons 1, 2, 3, 4, 6, 7, 8, 9 are undertaken at the centre, supporting a marine based response to the C2C unit's assessment item.



YEAR 3 Science – Australian Curriculum and C2C Mapping

ACARA	Science as a Human Endeavour	Nature and developing science Science involves making predictions and describing patterns and relationships (ACSHE050) Using and Influencing science Science knowledge helps people to understand the effect of their actions (ACSHE051)			
	Science Inquiry Skills	Questioning and Predicting With guidance, identify questions in familiar contexts that can be investigated scientifically and predict what might happen based on prior knowledge (ACIS053) Planning and Conducting Safely use appropriate materials, tools or equipment to make and record observations, using formal measurements and digital technologies as appropriate (ACIS055) Processing and Analysing data and Information Use a range of methods including tables and simple column graphs to represent data and to identify patterns and trends (ACIS057) Compare results with predictions, suggesting possible reasons for findings (ACIS215) Evaluating Reflect on the investigation, including whether a test was fair or not (ACIS058) Communicating Represent and communicate observations and ideas in a variety of ways such as oral and written language, drawing and role play (ACIS029)			
	Science Understandings	Biological Science Living things can be grouped on the basis of observable features and can be distinguished from non-living things (ACSSU044)	Chemical Science A change of state between solid and liquid can be caused by adding or removing heat (ACSSU046)	Earth and Space Science Earth's rotation on its axis causes regular changes, including night and day (ACSSU048)	Physical Science Heat can be produced in many ways and can move from one object to another (ACSSU049)
	C2C	Is it Living?	What's the Matter	Spinning Earth	Hot Stuff
	Nudgee Beach EEC programs	Is it Living in the Marine Environment?			
ACARA	General Capabilities	Literacy • Comprehending texts through listening, viewing and reading • Composing texts through speaking, writing, and creating • Text knowledge • Word knowledge • Visual knowledge Numeracy • Calculating and estimating • Recognising and using patterns and relationships • Interpreting and drawing conclusions from statistical information • Using measurement Information and communication technology capability Queensland student ICT expectations • Inquiring with ICT • Creating with ICT Critical and creative thinking • Inquiring - identifying, exploring and clarifying information • Generating innovative ideas and possibilities • Reflecting on thinking, actions and processes • Analysing, synthesising and evaluating information Personal and social capability • Self-awareness • Self-management • Social awareness • Social management Ethical behaviour • Understanding ethical concepts and issues • Reflecting on personal ethics and decision making Intercultural understanding • Recognising • Respect			
	Cross Curriculum Priorities	Aboriginal and Torres Strait Islander histories and cultures Students will: • understand that Aboriginal peoples and Torres Strait Islander peoples have different ways of grouping things • explore Aboriginal peoples and Torres Strait Islander peoples use of observations. • understand that Aboriginal peoples and Torres Strait Islander peoples have particular ways of knowing the world • investigate the ways in which traditional knowledge and western scientific knowledge can be complementary. Sustainability Students will: • Develop analysis skills to examine relationships between living and non-living things. • Understand the importance of using science to predict possible effects of human and other activity • Appreciate that science provides the basis of decision making. • Understand the importance of caring for the environment they are studying and learn ways of caring.			