

# Save Planet Earth and its Seas – Year 2

Part 1: Students focus on water conservation by measuring water usage and finding ways of conserving water in the school and in their home.

Part 2: Students study soil types and identify habitat trees, native trees and weeds in the school grounds. The key practical components from **Curriculum into the Classroom - Science Unit 4 (V2.0) – Save Planet Earth, lessons 1, 2, 3, 4, 5, 7, 8, 9 & 10** are undertaken at the centre, supporting a water (Part 1) or soil (Part 2) based response to the C2C unit’s assessment item.



½ Day incursion for either Part 1 or Part 2

YEAR 2 Science – Australian Curriculum and C2C Mapping				
ACARA	Science as a Human Endeavour	<b>Nature and developing science</b> Science involves asking questions about, and describing changes in, objects and events <b>Using and Influencing science</b> People use science in their daily lives, including when caring for their environment and living things <a href="#">(ACSHE035)</a>		
	Science Inquiry Skills	<b>Questioning and Predicting</b> Respond to and pose questions, and make predictions about familiar objects and events <a href="#">(ACSI037)</a> <b>Planning and Conducting</b> Participate in different types of guided investigations to explore and answer questions, such as manipulating materials, testing ideas, and accessing information sources <a href="#">(ACSI038)</a> Use informal measurements in the collection and recording of observations, with the assistance of digital technologies as appropriate <a href="#">(ACSI039)</a> <b>Processing and Analysing data and Information</b> Use a range of methods to sort information, including drawings and provided tables <a href="#">(ACSI040)</a> Through discussion, compare observations with predictions <a href="#">(ACSI214)</a> <b>Evaluating</b> Compare observations with those of others <a href="#">(ACSI041)</a> <b>Communicating</b> Represent and communicate observations and ideas in a variety of ways such as oral and written language, drawing and role play <a href="#">(ACSI042)</a>		
	Science Understandings	<b>Biological Science</b> Living things grow, change and have offspring similar to themselves <a href="#">(ACSSU030)</a>	<b>Chemical Science</b> Different materials can be combined, including by mixing, for a particular purpose <a href="#">(ACSSU031)</a>	<b>Earth and Space Science</b> Earth’s resources, including water, are used in a variety of ways <a href="#">(ACSSU032)</a>
C2C	Good to Grow	Mix Make and Use	Save Planet Earth	Toy Factory
Nudgee Beach EEC programs	Growing Changes By the Sea		<b>Save Planet Earth and its Seas</b>	
ACARA	General Capabilities	<b>Literacy</b> • Comprehending texts through listening, viewing and reading • Composing texts through speaking, writing and creating • Text knowledge • Grammar knowledge • Word knowledge • Visual knowledge <b>Numeracy</b> • Calculating and estimating • Recognising and using patterns and relationships • Using spatial reasoning • Using measurement <b>Information and communication technology capability</b> <i>Queensland student ICT expectations</i> • Inquiring with ICT • Creating with ICT • Operating ICT • Creating with ICT • Managing and operating ICT <b>Critical and creative thinking</b> • Inquiring - identifying, exploring and clarifying information • Generating innovative ideas and possibilities • Reflecting on thinking, actions and processes • Analysing, synthesising and evaluating information <b>Personal and social capability</b> • Self-management • Social awareness • Social management <b>Ethical behaviour</b> • Understanding ethical concepts and issues • Reflecting on personal ethics and decision making • Exploring values, rights and ethical principles • Recognising • Reflecting • Respect		
	Cross Curriculum Priorities	<b>Aboriginal and Torres Strait Islander histories and cultures</b> Students will access knowledge about how Aboriginal peoples and Torres Strait Islander peoples acquire and manage resources. <b>Sustainability</b> Students will recognise that the way humans interact with the natural world can contribute to sustainable living patterns for the preservation of Earth’s resources.		