



## Science and Geography for Primary Schools: Prep to Year 2



Program Number	Title	Year level	Content	Environment	Australian Curriculum Links
S.YP.U1	<b>Our Marine Living World</b> <i>(Full day excursion with optional pre visit)</i>	Prep	Students observe the features of living things in the marine environment, making predictions on the consequences of simple environmental changes on living things.	Beach, Centre grounds, Mangroves (optional)	<b>Science:</b> <a href="#">(ACSSU002)</a> , <b>C2C: Unit 1 - Our Living World</b> Supports Lessons 2,3 ( <i>Pre visit</i> ) 7,8,9 ( <i>Excursion</i> ) ⚙️ 👤 🌱
S.YP.U4	<b>Move It Move It with Wings, Legs and Fins</b> <i>(Full day excursion)</i>	Prep	Students observe organisms from a marine environment and identify that living things have basic needs. They describe how living things grow, change and have offspring similar to the adult.	Beach, Centre grounds	<b>Science:</b> <a href="#">(ACSSU005)</a> <b>C2C: Unit 4 – Move it, move it</b> Supports Lessons 1,2,3,6,9 ⚙️ 👤 🌱
S.Y1.U1	<b>A Marine Living Adventure</b> <i>(Full day excursion)</i>	Year 1	Students make links between the external features of living things and the environment in which they are found. They explore a range of habitats and consider the differences between healthy and unhealthy environments.	Beach, Mangroves	<b>Science:</b> <a href="#">(ACSSU017)</a> , <a href="#">(ACSSU211)</a> , <b>C2C: Unit 1 - A Living Adventure</b> Supports Lessons 1,3,4,5,6 ⚙️ 👤 ⚖️ 🤝 🌱
G.Y1.U1	<b>Nudgee Beach, a Place We Use</b> <i>(Post visit to school)</i>	Year 1	In conjunction with the Centre's Science program, students reflect on the natural and managed features of the area and caring for this place.	School	<b>Geography:</b> <a href="#">(ACHGK005)</a> <b>C2C: Unit 1 – How do people use places?</b> Supports Lessons 1,2,3,4,5, 🤝
S.Y2.U3	<b>Growing Changes by the Sea</b> <i>(Full day excursion)</i>	Year 2	Like frogs, the life cycle of a crab includes stages where the young doesn't resemble the parent. Students learn about the life cycles of the unique animals and plants of the marine world and how their needs are met.	Beach, Mangroves, Centre grounds	<b>Science:</b> <a href="#">(ACSSU030)</a> <b>C2C: Unit 3 - Good to Grow</b> Supports Lessons 1,3,4,5,8,10 ⚙️ 👤 ⚖️ 🤝 🌱
S.Y2.U4	<b>Save Planet Earth and its Seas</b> <i>(Half day incursion for each)</i>	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.	School grounds	<b>Science:</b> <a href="#">(ACSSU032)</a> <b>C2C: Unit 4 - Save Planet Earth</b> Supports Lessons 1,2,3,9 (Pt. 1) 4,5,8,9,10 (Pt. 2) ⚙️ 👤 ⚖️ 🤝 🌱



## Science, History and Geography Excursion Programs for Primary:

### Year 3 – Year 6



Program Number	Title	Year level	Content	Environment	Australian Curriculum Links
S.Y3.U1	<b>Is it Living in the Marine Environment?</b> <i>(Full day excursion)</i>	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.	Nar-dha, Beach	<b>Science:</b> <a href="#">(ACSSU044)</a> <b>C2C: Unit 1 - Is it Living?</b> Supports Lessons 1,2,3,4,5,6,7,8,9,10,11,12,13,14 ⚙️ 👤 🤝 🌱
H.Y4.U2	<b>Land and Sea (Indigenous Focus)</b> <i>(Full day excursion)</i>	Year 4	Students explore the importance of country and place to the Aboriginal people who belong to the local area (land, sea, waterways and skies) at Nar-dha (Nudgee waterholes) and bora-ring.	Nar-dha	<b>History:</b> <a href="#">(ACHHK077)</a> <b>C2C: Unit 2 – What was life like for the Aboriginal and/or Torres Strait Islander peoples before the arrival of Europeans?</b> Supports Lessons 1,2,3,4,5 ⚙️ 🤝 🌱
S.Y4.U2	<b>Growing in the Marine Environment</b> <i>(Full day excursion)</i>	Year 4	A previsit to the classroom teaches students about mud crabs and their unique life cycle. A visit to the Centre, which includes an exploration of the mangroves and the beach, focuses on vulnerable and endangered species and the life cycle of the turtle.	Mangroves, Beach, Centre grounds	<b>Science:</b> <a href="#">(ACSSU073)</a> <b>C2C: Unit 1 – Ready, set, grow!</b> Supports Lessons 1,2,4,5,6,10,12 ⚙️ 👤 ⚖️
S.Y5.U1	<b>Survival in the Australian Marine Environment</b> <i>(Full day excursion, half day Incursion post visit assessment optional)</i>	Year 5	Students focus on the ways plants and animals survive in the marine environment; exploring adaptations in plants and animals and how their adaptations relate to the environment. <b>Post visit assessment</b> - Following the excursion, NBEEC teachers provide the stimulus and resources to create creatures and complete the assessment task.	Beach, Mangroves, School grounds (Post visit)	<b>Science:</b> <a href="#">(ACSSU043)</a> <b>C2C: Unit 1 – Survival in the Australian environment</b> Supports Lessons 2,3,4,5,6,7,8,9,10,11, optional online lesson 12, classroom visit to assist with assessment lessons 13-16 📖 ⚙️ 👤 🤝
S.Y6.U4	<b>Life on Earth and in the Sea</b> <i>(Full day excursion)</i>	Year 6	Students investigate firsthand the impact of salt water on the growth of plants and observe behaviours and adaptations of plants and animals that enable them to survive in the extreme marine environment.	Mangroves, Centre grounds	<b>Science:</b> <a href="#">(ACSHE098)</a> , <a href="#">(ACSSU094)</a> <b>C2C: Unit 4 - Life on Earth</b> Supports Lessons 1,2,5,19,20 ⚙️ 👤 🤝 🌱



**Secondary Programs Year 7 – Year 12**

	Title	Year level	Content	Environment	Australian Curriculum Links
S.Y7.U1	<b>Water Fresh or Salty – Waste not want not</b> <i>(Full day excursion)</i>	Year 7	Schools can elect to follow one of three local water courses from source to mouth investigating water quality and human impacts along the way, or we can bring the water samples to you.	Watercourse from source to sea	<b>Science:</b> ( <a href="#">ACSSU116</a> ), ( <a href="#">ACSSU222</a> ) <b>C2C: Units 1 &amp; 2- Water - Waste not want not</b> Supports Lessons (U1) 1,2,3 (U2) 1,9,10 ⚙️ 👤 ⚖️ 🌿
S.Y7.U7	<b>Food webs in the Marine Environment</b> <i>(Full day excursion)</i>	Year 7	Food chains and complex food webs are constructed from first hand observation of plants and animals which are identified using keys.	Beach, Mangroves, Centre grounds	<b>Science:</b> ( <a href="#">ACSSU111</a> ), ( <a href="#">ACSSU112</a> ) <b>C2C: Unit 7 – Organising organisms</b> Supports Lessons 1,2,4,5,9,10,11 ⚙️ 👤 🌿
G.Y8.U1	<b>Local Landforms</b> <i>(Full day excursion)</i>	Year 8	Students focus on estuaries, deposition banks and floodplains which are all key features of the wetland environment.	Kedron Brook Beach	<b>Geography:</b> ( <a href="#">ACHGS057</a> ), ( <a href="#">ACHGS058</a> ), ( <a href="#">ACHGS059</a> ) <b>C2C: Unit 1 – Landforms and landscapes</b> Supports Lessons 1,5,6,7 📖 ⚙️ 👤 ⚖️ 🌿
S.Y9.U1	<b>Marine Ecosystems</b> <i>(Full day excursion)</i>	Year 9	Students focus on communities of interdependent marine organisms and abiotic components of the marine environment.	Mangroves Beach Centre grounds	<b>Science:</b> ( <a href="#">ACSI165</a> ), ( <a href="#">ACSI166</a> ) <b>C2C: Unit 6 – Responding to change</b> Supports Lessons 1,2,3,4,5,6 ⚙️ 👤 ⚖️ 🌿
G.Y9.U2	<b>Managing Boondall Wetlands or Moreton Bay Marine Park</b> <i>(Full day excursion)</i>	Year 9	Students explore the issues and strategies used to manage one of Brisbane’s largest natural areas on the edge of the Moreton Bay Marine Park, and the reasons for the park and its zoning.	Boat ramp Dog park Lookout Beach Mangroves	<b>Geography:</b> ( <a href="#">ACHGS064</a> ), ( <a href="#">ACHGS065</a> ) <b>Unit 2 Geographies of interconnections</b>

## Nudgee Beach Environmental Education Centre Curriculum Programs 2019



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Program Number	Title	Year level	Content	Environments
E.1	<b>Learning to Lead</b> ⚙️ 👤	Year 6-7	What qualities do you bring to the team? What style of leader are you? This program explores how leaders and teams work together.	Centre grounds
E.2	<b>Art by the Estuary</b> ⚙️ 🌿	Year 5-11	Students are encouraged to use creative talents and a variety of media to interpret the wetlands environment.	Kedron Brook, Beach
R.1	<b>Sustainable Fishing</b> 🌿 ⚖️	Year 4-12	Attend the Centre for one day to learn fishing techniques. The Centre provides a focus on sustainable approaches.	Kedron Brook
R.2	<b>Canoeing Extension for a day</b> 👤	Year 5-12	Students are trained in a number of basic canoeing strokes and undertake a one day trip. Nudgee Creek, Nundah Creek, Cabbage Tree Creek and the Airport Floodway sites are used.	Nudgee/ Nundah Creeks

**Legend**  
**General Capabilities:** Information and communication technology capability 📖 Critical and creative thinking ⚙️ Personal and social capability 👤  
 Ethical behaviour ⚖️ **Cross Curriculum Priorities:** Aboriginal and Torres Strait Islander histories and cultures 🌿 Sustainability 🌿