# School Learning Programs - Brisbane City Council Environment Centres

## Overview

The Environment Centres School Learning Programs immerse your students in Brisbane’s natural wonders with a variety of lessons on offer covering Science, Humanities and Social Sciences, Sustainability, and more. Our environmental educators use guided walks, role-play and hands-on experiences to extend students’ learning about biodiversity, waterway health and conservation. Students are encouraged to explore, ask questions and make connections to their local natural environment.

## Primary program

| Program | Overview | Details |
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| Habitats are Homes  Prep to Year 6 | Students investigate different habitats to discover their importance and learn about how all living things are connected.  Duration: Two hours  Curriculum links:  Science: [ACSSU002](http://www.scootle.edu.au/ec/search?accContentId=ACSSU002) [ACSSU017](http://www.scootle.edu.au/ec/search?accContentId=ACSSU017) [ACSSU211](http://www.scootle.edu.au/ec/search?accContentId=ACSSU211) [ACSSU030](http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACHASSK140?accContentId=ACSSU030) [ACSSU073](http://www.scootle.edu.au/ec/search?accContentId=ACSSU073)  HASS - Geography: [ACHASSK031](http://www.scootle.edu.au/ec/search?accContentId=ACHASSK031) [ACHASSK088](http://www.scootle.edu.au/ec/search?accContentId=ACHASSK088)  Sustainability: cross curriculum priority | Cost to schools: $8.70 per student (minimum 15, maximum 30)    Delivery venue: Boondall Wetlands Environment Centre, Downfall Creek Bushland Centre, Karawatha Forest Discovery Centre and Nudgee Beach foreshore    May be adapted for lessons at your school, local reserve or special event |
| First Peoples, Place and Plants  Prep to Year 4 | Students explore the first peoples' history, traditional use of natural resources and connection to country.  Duration: Two hours  Curriculum links:  HASS - Geography: [ACHASSK049](http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACHGK070?accContentId=ACHASSK049) [ACHASSK066](http://www.scootle.edu.au/ec/search?accContentId=ACHASSK066) [ACHASSK089](http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACHGK052?accContentId=ACHASSK089) [ACHASSK140](http://www.scootle.edu.au/ec/search)  Aboriginal and Torres Strait Islander Histories and Culture; Sustainability: cross curriculum priorities | Cost to schools: $8.70 per student (minimum 15, maximum 30)    Delivery venue: Boondall Wetlands Environment Centre and Nudgee Beach foreshore  May be adapted for lessons at your school, local reserve or special event |
| Minibeasts – features, classification and life cycles  Prep to Year 4 | Explore the external features that define various minibeasts and dive into the scrub to investigate the diversity of arthropods within Brisbane's reserves.  Duration: Two hours  Curriculum links:  Science: [ACSSU017](http://www.scootle.edu.au/ec/search?accContentId=ACSSU017) [ACSSU044](http://www.scootle.edu.au/ec/search?accContentId=ACSSU044) [ACSSU072](http://www.scootle.edu.au/ec/search) [ACSSU073](http://www.scootle.edu.au/ec/search?accContentId=ACSSU073)  Sustainability: cross curriculum priority | Cost to schools: $8.70 per student (minimum 15, maximum 30)  Delivery venue: Boondall Wetlands Environment Centre, Downfall Creek Bushland Centre, Karawatha Forest Discovery Centre and Nudgee Beach foreshore  May be adapted for lessons at your school, local reserve or special event |
| Migratory Shorebirds – Adaptations    Years 4 to 6 | Each year thousands of migratory birds undertake a treacherous journey to Boondall Wetlands. Students learn about their amazing lives and what humans can do to enable their long-term survival.  Duration: Two hours  Curriculum links:  Science: [ACSSU073](http://www.scootle.edu.au/ec/search?accContentId=ACSSU073) [ACSSU043](http://www.scootle.edu.au/ec/search?accContentId=ACSSU043)  HASS – Geography: [ACHASSK088](http://www.scootle.edu.au/ec/search?accContentId=ACHASSK088) [ACSSU094](http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACSSU072?accContentId=ACSSU094)  Asia and Australia’s Engagement with Asia; Sustainability: cross curriculum priorities | Free (minimum 15, maximum 30)    Delivery venue: Boondall Wetlands Environment Centre and school incursion.  May be adapted for lessons at your school, local reserve or special event |
| Creek Discovery    Years 4 and 6 | Exploring our local creek environments, students examine how local catchments support the lives of people and other living things.  Duration: two hours  Curriculum links:  Science: [ACSSU073](http://www.scootle.edu.au/ec/search?accContentId=ACSSU073) [ACSSU094](http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACSSU072?accContentId=ACSSU094)  HASS – Geography: [ACHASSK088](http://www.scootle.edu.au/ec/search?accContentId=ACHASSK088)  Sustainability: cross curriculum priority | Cost to schools: $8.70 per student (minimum 15, maximum 30)  Delivery venue: Downfall Creek Bushland Centre  May be adapted for lessons at your school, local reserve or special event |
| Mangrove Discovery  Years 4 to 6 | Students are led on a guided walk through the Boondall Wetlands and discover all about the plants, animals and physical conditions of this environment. Also included is a self-guided exploration of the new environment centre. Alternatively, the guided walk can be conducted at Nudgee Beach foreshore.  Duration: 2 hours  Curriculum Links:  Science: [ACSSU073](http://www.scootle.edu.au/ec/search?accContentId=ACSSU073) [ACSSU043](http://www.scootle.edu.au/ec/search?accContentId=ACSSU043) [ACSSU094](http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACSSU072?accContentId=ACSSU094)  HASS: Geography: [ACHASSK088](http://www.scootle.edu.au/ec/search?accContentId=ACHASSK088)  Sustainability: cross curriculum priority | Cost to schools: $8.70 per student (minimum 15, maximum 30)  Program can be adapted for the following year levels:  Year 4 – Life cycles. Living things & their environment  Year 5 – Adaptations  Year 6 – Physical conditions of environments |
| Bush Neighbours    Year 4 | This initiative teaches students about the importance of conserving natural habitats, keeping bushland and waterways free from pollution and creating wildlife-friendly gardens. Through tailored sessions with Council educators, students learn about native wildlife, connect with their local reserve and develop and deliver an in-school project to enhance their school’s native habitat. Teachers receive a valuable resource kit with suggested lesson activities for before and after the session, as well as Australian Curriculum links.  Duration: Four sessions from February-November 2020  Curriculum links:  Science: [ACSSU073](http://www.scootle.edu.au/ec/search?accContentId=ACSSU073)  HASS – Geography: [ACHASSK088](http://www.scootle.edu.au/ec/search?accContentId=ACHASSK088)  Sustainability: cross curriculum priority | By invitation  Cost to schools: Free (all year 4 classes)  Delivery venue: At your school and local reserve |

## Secondary program

Immerse your students in Brisbane’s natural wonders with a variety of lessons, covering Science, and Humanities and Social Sciences. Our environmental educators use guided walks, role-play and hands-on experiences to extend learning about biodiversity, waterway health and conservation in Brisbane. Students are encouraged to explore, ask questions and make connections to their local natural environment.

| Program | Overview | Details |
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| Creek Discovery  Year 7 and 8 | Examining our local creek environments, students explore how local catchments support the lives of people and other living things and how humans impact these environments.  Duration: Half-day session: two hours  Full-day session: four hours plus a lunch break  Curriculum links:  Science: [ACSSU116](http://www.scootle.edu.au/ec/search?accContentId=ACSSU116)  Geography: [ACHGK038](http://www.scootle.edu.au/ec/search?accContentId=ACHGK038) [ACHGK051](http://www.scootle.edu.au/ec/search?accContentId=ACHGK051) [ACHGK052](http://www.scootle.edu.au/ec/search)  Sustainability: cross curriculum priority | Cost to schools: Half-day: $8.70 per student (minimum 15, maximum 30) Full day: $17.40 per student (minimum 15, maximum 30)    Delivery venue: Downfall Creek Bushland Centre, Boondall Wetlands Environment Centre and Stretton Recreation Reserve.    May be adapted for lessons at your school, local reserve or special event |
| Mangrove Ecology    Years 7 and 9 | Students learn how important mangrove forests are for marine life and the part they play in a complex food web.  Duration: Two hours  Curriculum links:  Science: [ACSSU111](http://www.scootle.edu.au/ec/search?accContentId=ACSSU111) [ACSSU112](http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACHGK059?accContentId=ACSSU112) [ACSSU176](http://www.scootle.edu.au/ec/search?accContentId=ACSSU176)  Geography: [ACHGK038](http://www.scootle.edu.au/ec/search?accContentId=ACHGK038)  Sustainability: cross curriculum priority | Cost to schools: $8.70 per student (minimum 15, maximum 30)  Delivery venue: Nudgee Beach foreshore  May be adapted for lessons at your school, local reserve or special event |
| Future BNE Challenge    Year 7 and 8 | Students work together in teams to critically analyse and develop innovative and creative solutions to secure our city’s environmental sustainability and livability for the future. This immersive, interactive and future-thinking challenge uses the themes of Water, Power, Waste, Grow & Move.  Duration: Two hours  Curriculum links:  Geography: [ACHGK059](http://www.scootle.edu.au/ec/search)  STEM  General Capabilities: Critical and Creative Thinking, Personal and Social Capability  Sustainability: cross curriculum priority | Cost to schools: Free (minimum 15, maximum 60 students)  Delivery venue: Your school or Karawatha Forest Discovery Centre |
| First Peoples, Place and Plants  Year 7 | Students explore the first peoples' history, traditional use of natural resources and connection to country.  Duration: Two hours  Curriculum Links:  History: [ACDSEH031](http://www.scootle.edu.au/ec/search?accContentId=ACDSEH031)  Aboriginal and Torres Strait Islander Histories and Culture; Sustainability: cross curriculum priorities | Cost to schools: $8.70 per student (minimum 15, maximum 30)  Delivery venue: Boondall Wetlands Environment Centre and Nudgee Beach foreshore  May be adapted for lessons at your school, local reserve or special event |
| Creek Catchment Assessments    Years 8,10 to 12 | Half-day program: students learn about creek catchments and gain a practical understanding of how human activity can impact water quality and biodiversity. Students compare the health of two sites by measuring water quality (including pH, phosphates, nitrates, dissolved oxygen, salinity and turbidity) and assessing riparian vegetation.  Full-day program: students assess sites of your choice along a creek catchment.  Canoe: a three-hour version of the half-day program using Council’s canoes to take your class into the heart of a creek system.  Duration: Half-day session: two hours  Full-day session: four hours plus a lunch break Canoe session: three hours  Curriculum links:  Geography: [ACHGK051](http://www.scootle.edu.au/ec/search?accContentId=ACHGK051) [ACHGK052](http://www.scootle.edu.au/ec/search) [ACHGK070](http://www.scootle.edu.au/ec/search)  Sustainability: cross curriculum priority | Cost to schools: Half-day: $8.70 per student (minimum 15, maximum 30) Full day: $17.40 per student (minimum 15, maximum 30)  Canoe: minimum cost for one group of up to eight participants is $250. Additional participants cost $8.70 each (group maximum is 16, including teachers, support staff and parents)  Delivery venue: Boondall Wetlands Environment Centre  May be adapted to be delivered at your school, local reserve or waterway |
| Surveying and Sampling Habitats    Years 11 and 12 | Students learn sampling and surveying techniques to investigate species diversity and abiotic and biotic factors which impact and shape ecosystems.  Curriculum links:  Biology: Biodiversity and the Interconnectedness of Life. | Cost to schools: $8.70 per student (minimum 15, maximum 30)  Delivery venue: Boondall Wetlands Environment Centre |