



Moreton Bay

ENVIRONMENTAL EDUCATION CENTRE

Inspiring Champions for the Bay

Habitat
Heroes

Teacher / Parent / Carer
Information



The Moreton Bay EEC team love having students, teachers and adult helpers join us on-board Inspiration on Moreton Bay (Quandamooka) and the foreshore for the Habitat Heroes Program. The program has been adapted to become a virtual exploration to complete at home.

Being connected to place and engaging in hands-on experiences, inspiring curiosity and thinking is always best. We hope that you can join us in nature in the future for authentic exploration and discovery in these special places.

Overview

Habitat Heroes is a virtual exploration of habitats within Moreton Bay. Students are invited to become Junior Scientists, learning about living things within Moreton Bay and on the Manly Foreshore and how they can help to protect them.

Students participate in a variety of investigations as they explore the Bay's habitats and inhabitants. Observation of underwater footage enables students to develop their understanding of the environment below the water. A virtual walk on the intertidal zone at the Manly Foreshore occurs to explore this habitat and observe its animals up close. Students identify plants and animals from these special habitats, examining how they use their external features to survive.

Comparisons can be made between the intertidal and open water bay environment. Considerations can be made about how the organisms' survival needs are met. Students will reflect on ways they can apply their learning in order to become *Habitat Heroes*.

This program is linked to the Australian Curriculum.

Learning Intentions

Students, in the role of Junior Scientists, participate in scientific activities to:

- Investigate a variety of habitats and organisms in Moreton Bay.
- Explain how animals' external features help them to meet their survival needs.
- Appreciate the impact humans may have on the health of habitats.
- Recommend actions that they, and others, can take to protect the environment.

Tips for Use

Used in conjunction with the Student booklet, please have your young learners watch the three videos housed on the Moreton Bay EEC YouTube site when directed. The links to the YouTube videos can also be found below:

1. [Video one: Moreton Bay Habitats \(https://youtu.be/IKdpUOx4dkY\)](https://youtu.be/IKdpUOx4dkY)
2. [Video two: Open Water Habitat \(Moreton Bay\) \(https://youtu.be/8tbWC3VRMbs\)](https://youtu.be/8tbWC3VRMbs)
3. [Video three: Intertidal Zone Habitat \(Manly foreshore\) \(https://youtu.be/omCtuMfAvow\)](https://youtu.be/omCtuMfAvow)

The Student Booklet accompanies this information sheet and provides the discovery sequence.

An Interesting Facts section at the end of the Student Booklet provides the Teacher / Parent / Carer with an extra resource designed for sharing with your junior scientist. Once discoveries have been made, discuss ways that the junior scientist can become a Habitat Hero caring for beautiful Moreton Bay. They have now become a Champion for the Bay!