



# OVERVIEW

## Habitat Heroes V9

## Year 1 Program

*Habitat Heroes* is an engaging, full-day program that invites students to investigate the different habitats of Moreton Bay (Quandamooka). Students work as '*Habitat Heroes*' to explore the fascinating animals that live in these environments to learn and discover how their needs are met and how we can help protect them.

On program day, students board the Centre's boat *Inspiration*, to explore the marine habitat. Immersive hands-on activities including using a sediment sampler and sieves enable students to engage in scientific processes first hand. Together they use a microscope to closely observe animals found. Out on the Manly foreshore, students explore the varying habitats and animals found in the intertidal zone. Using eye loupes, they are able to look closely to examine the animals found, to learn and discover more about how they live grow and survive in their environment.

The *Habitat Heroes* program aims to foster environmental awareness and responsibility by connecting students to the living things in local habitats and showing them how to safely investigate and care for these unique environments.

### Curriculum Intent - Year 1

#### Science

##### Science Understanding

###### Biological sciences

- Identify the basic needs of plants and animals, including air, water, food or shelter, and describe how the places they live meet those needs ([AC9S1U01](#))

##### Science as a Human Endeavour

###### Use and influence of science ([AC9S1H01](#))

##### Science Inquiry Skills

###### Questioning and predicting ([AC9S1I01](#))

###### Planning and conducting ([AC9S1I02](#))

###### Communicating ([AC9S1I06](#))



### General Capabilities ([links](#))

Critical and creative thinking  
Personal and social capability  
Ethical understanding

### Cross-curriculum Priorities ([links](#))

Aboriginal and Torres Strait Islander Histories and Cultures  
Sustainability

A Curriculum Activity Risk Assessment is available on request.