

OVERVIEW



Habitat Heroes

Year 1 Program

Habitat Heroes is a day program exploring habitats within Moreton Bay. The Moreton Bay Environmental Education Centre (MBEEC) teacher sets the scene by revising the concept of habitat and encouraging students to predict habitats that may occur within Moreton Bay. Students are invited to become *Habitat Heroes*, learning about living things within the Bay and how they can help to protect them.

On the program day, students voyage onto Moreton Bay aboard our boat, *Inspiration*. Students participate in a variety of hands-on scientific investigations as they explore the Bay's habitats and inhabitants. Sediment sampling and sieving, top-deck binocular observations and vision of underwater footage enable students to develop their understanding of the environment above and below the water.

Students walk out onto the intertidal zone at the Manly Foreshore to explore this habitat close up and compare it with the other Bay environments. They discover organisms that reside in this habitat, identify them by examining their external features and consider how their survival needs are met. Students reflect on their day to determine how they can apply their learning in order to become *Habitat Heroes*.

Curriculum Intent

Science

Science Understanding

Biological Sciences

- Living things have a variety of external features ([ACSSU017](#))
- Living things live in different places where their needs are met ([ACSSU211](#))

Science as a Human Endeavour

Nature and development of science

- Science involves asking questions about, and describing changes in, objects and events ([ACSHE021](#))

Use and influence of science

- People use science in their daily lives, including when caring for their environment and living things ([ACSHE022](#))

Science Inquiry Skills

Planning and conducting

- Participate in guided investigations to explore and answer questions ([ACIS025](#))

Communicating

- Represent and communicate observations and ideas in a variety of ways ([ACIS029](#))

General Capabilities

Critical and creative thinking

- Inquiring - identifying, exploring and organising information and ideas
- Generating ideas, possibilities and actions

Ethical understanding

- Understanding ethical concepts and issues
- Exploring values, rights and responsibilities



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Personal and social capability

- Self-management
- Social awareness
- Social management

Cross-curriculum Priorities

Sustainability

- All life forms, including human life, are connected through ecosystems on which they depend for their wellbeing and survival
- Actions for a more sustainable future reflect values of care, respect and responsibility, and require us to explore and understand environments
- Sustainable futures result from actions designed to preserve and/or restore the quality and uniqueness of environments

C2C: Science Unit 1 'Living Adventure'

*A Curriculum Activity Risk Assessment is available upon request.



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