



“Empowering Extraordinary Minds”

Overview

Habitat Hunters

Year 1 Program

Habitat hunters is a year 1 day program where students explore the external features of living things and the habitats they live in. Students arrive and are given their ‘habitat hunter’ badge to initiate them in the role of being a habitat hunter. Students embark on two main activities for the day – learning about the needs of animals and their external features then learning about habitats and the effect of change.

Students explore the Centre grounds and complete the iPad animal adventure activity. Equipped with iPads, students explore the Centre looking for the resident animal models and their QR codes. Once scanned these sculptures come to life through video, informing students of important facts of external features and their needs!

The next activity has students exploring rainforests and mangrove environments nearby and exploring different habitats. The day finishes with reflection and debrief of their learning outcomes, followed by a Wildlife presentation to look at external features of real life animals and reptiles.

Curriculum Intent

Science

Science Understanding

Biological Science

- 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 observing, 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

Questioning and predicting

Planning and conducting

- Participate in guided investigations and make observations using the senses [\(AC SIS025\)](#)

Processing and analysing data and information

Communicating

- Represent and communicate observations and ideas in a variety of ways [\(AC SIS029\)](#)

Cross curriculum priorities

Sustainability

- OI.2 All life forms, including human life, are connected through ecosystems on which they depend for their wellbeing and survival
- OI.7 Actions for a more sustainable future reflect values of care, respect and responsibility, and require us to explore and understand environments.

General capabilities

- Critical and creative thinking
- Ethical understanding
- Numeracy
- Literacy
- Personal and social capability
- Information & Communication Technology (ICT)

Itinerary

Learning Intentions:

WHAT... are we learning?

Students, in the role of Habitat Hunters, participate in scientific activities to:

- **Make links** between **external features** of living things and the **habitats** they live in.

WHY ... should we be a Habitat Hunter?

- Habitat Hunters are scientists who help people care for environments and living things.
- Science knowledge is used to recommend changes.

HOW ... will you know you're successful?

- **Explore** and find living things in a variety of habitats
- **Discuss** the needs of living things to survive in their habitat
- **Identify** features of a healthy and unhealthy environment
- **Recognise** common features of animals

	Time	Activity
"Empowering Extraordinary Minds"	8:30	Students arrive at the Boyne Island Environmental Education Centre and are met by BIEEC teachers. Introduction to BIEEC and the <i>Habitat Hunters</i> program. Followed by goal setting, their mission for today, icebreakers and a fruit break.
	9:30	Activity 1 *Group 1 – Needs of organisms and external features. *Group 2 – Habitat Study and effects of change
	11:00	Lunch & toilet break
	11:45	Activity 2 *Group 1– Habitat Study and effects of change *Group 2 – Needs of organisms and external features.
	1:30	Debrief and Reflection Reflection: Students communicate their findings and share ideas about how they can actively care for their environment
	2:00	Whole Group Wildlife animal presentation Local wildlife carer presents animal show, answering questions of external features, needs and habitats of variety of reptiles and animals
	2:30	Students depart BIEEC

Students and adults will need:

- Closed in shoes
- Sun-safe clothing and hat
- Sunscreen and insect repellent already applied
- Water bottle
- Morning tea and lunch (litter-free)

Litter-free Lunch:

We encourage students and staff to pack a litter-free lunch. Everything in it can be re-used, composted or recycled. Drinks are brought in refillable bottles.