

Stage 1 – Science Living World

Kincumba Mountain

Program Overview

A scientific investigation of environments at Kincumba Mountain that allows students to discover local animals, plants and life cycles.

The programs aim is to provide students with an experience that will encourage ongoing appreciation of wildlife and a desire to act for its conservation.

Key Questions

1. What are the external features of living things?
2. How can we improve a local environment to encourage living things to thrive?
3. How do humans use plants and animals?

Learning Experiences & Content

Birds Nest Investigation

An exploration of different types of birds and nests at Kincumba Mountain. Students will consider the different way birds make nests and keep their eggs warm. They will make their own nest and consider the impacts of introduced bird species on native species.

Invertebrate Investigation

Students will predict, discover and identify what types of invertebrates are living in the local environment. They will use scientific equipment to conduct leaf litter digs and collect and record a variety of invertebrates. The data is collated using tallies and analysed.

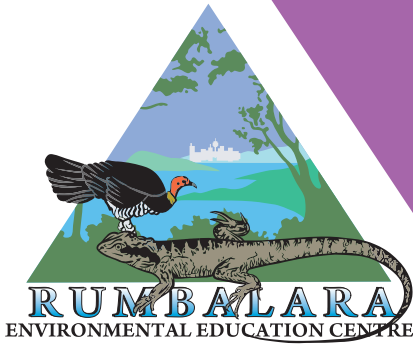
Tree Investigation

Students become scientists practicing observation, by identifying differences in tree species. They will collect different leaves, seeds and bark and make a natural forest scene artwork.

Forest Discovery Walk

The bushwalk provides the students with an opportunity to explore Kincumba Mountain. They will be able to use their senses in fun activities that will allow them to observe the features of a forest and the needs of plants and animals. They will also learn some Aboriginal uses of plants.





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Outcomes

A Student:

- ✿ **ST1-1WS-S** observes, questions and collects data to communicate and compare ideas
- ✿ **ST1-2DP-T** uses materials, tools and equipment to develop solutions for a need or opportunity
- ✿ **ST1-4LW-S** describes observable features of living things and their environments
- ✿ **ST1-5LW-T** identifies how plants and animals are used for food and fibre products

Skills Focus

Working Scientifically

Planning and conducting investigations

Students will work scientifically through participation in guided scientific investigations. They will collect, record and analyse data.

Design and Production

Students will generate ideas, design and produce a bird nest.

Content

External features of living things

Students:

- ✿ describe the external features of a variety of living things (**ACSSU017**)
 - ✿ identify and group plants and animals using their external features

Living things live in different places

Students:

- ✿ identify that living things live in different places that suit their needs (**ACSSU211**)
- ✿ recognise that people use science and technology in their daily lives, including when caring for their environment and living things (**ACSHE022, ACSHE035**)

Plants and animals used for food and fibre

Students:

- ✿ explore the plants and animals used in customary practices of Aboriginal and Torres Strait Islander Peoples

This program also supports: **Geography Stage 1**

- **GE2-1** examines features and characteristics of places and environments.
- **GE2-2** describes the ways people, places and environments interact.
- **GE2-3** examines differing perceptions about the management of places and environments.
- **GE2-4** acquires and communicates geographical information using geographical tools for inquiry.

