

Investigating Our Living World

Stage 2 Science—Living World

Rumbalara Reserve

Students will examine the biodiversity of the local environment and classify living things based on their observable features. Students will use microscopes and identification keys to identify collected specimens and collate data using a tally and column graph.

Students will participate in a bush walk through the reserve and have access to our science lab.



Earth & Space - Living World

Stage 2 Science—Earth & Space

Wyrrabalong N.P

Students will investigate natural processes, such as erosion, and examine human impacts at Wyrrabalong National Park.

An Aboriginal seasonal calendar will be examined and students will observe local seasonal changes.

The geology of the headland will be investigated using iPads to photograph layers in the sandstone and silt stone. Rumbalara will provide examples of local fossils and discuss how rocks and fossils are formed. At the beach students will conduct a science investigation to discover where sand comes from and investigate the role of vegetation by designing their own model of a sand dune.

On the rock platform, students will investigate living things using a visual guide

iPad Nature Documentary Incursion

Stage 2/3: English—respond to & compare texts; Science—Living World

Nature Documentary is an amazing literacy focused program that introduces students to documentary making using iPads (provided by Rumbalara). Students collaborate as filmmakers and become cinematographers, presenters and directors to create their own documentary focusing on the biodiversity of living things found in their local environment.



Factors That Shape Places

Stage 2 Science—Living World

Katandra

The Geography Inquiry Process will be used to investigate how people have changed the natural environment at Katandra Reserve.

Different vegetation types will be observed on a bushwalk that leads to a rainforest. Students will formulate ideas for managing the reserve in the future.

Our School, Our Place

Stage 3: Science—Living World; Geography—Factors That Shape Places

Incursions at school or in the local area

Students will engage in a local fieldwork study and conduct scientific investigations into local biodiversity and water quality (dependant on site). They will examine how the environmental conditions affect growth, adaptations and survival of living things, by collecting and analysing data to communicate their investigation.

Bright Sparks

Stage 3 Science—Physical World

A trailer full of exciting, hands-on energy awareness activities promoting scientific curiosity and the search for alternative energy solutions. Students will investigate, design and measure the performance of renewable and energy saving systems for a sustainable future.



Leadership

Stage 3 PD/H/PE

Avoca or Kincumba Mountain

An opportunity for students to learn leadership skills through a range of fun activities to encourage team work, communication and problem solving. The day can be run at Avoca Lagoon with a team kayaking activity.



Rumbalara Environmental Education Centre

Primary Programs



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To book our programs, please use the bookings tab on our website.

Early Stage 1

Bush Picnic

Early Stage 1: Science—Living World; Geography—People Living in Places

Brisbane Water NP, Girrakool

Encourages curiosity and engagement with nature through games, observation and sensory awareness.

Includes a bushwalk to discover the sounds of birds and waterfalls, the scents and colours of wildflowers, and the touch of soft cool moss and hard coarse sandstone.

Students will explore the basic needs of living things and also enjoy a bush picnic with their favourite soft toy animal.



Stage 1

Living World

**Stage 1: Science—Living World
Kincumba Mountain**

A scientific investigation of environments at a location which allows students to discover local animals, plants and life cycles.

Includes a bush walk to appreciate the natural environment, and encourages an ongoing appreciation of wildlife and conservation.

Kitchen Garden

Rumbalara EEC provides a trained garden teacher for up to four classes one day/ week for either a term or a year. The school provides a staff member and a parent volunteer each day. Cost: \$6600/term or \$26 400/year. Schools might be able to access granys for OzHarvest cooking kits.



Stage 1

Features Of Places

**Stage 1: Geography—Features of Places
Rumbalara or Kincumba Mountain**

A bushwalk and hands on investigation of Rumbalara Reserve or Kincumba Mountain that allows students to use the Geography Inquiry Process to examine interconnections between natural and human features and sustainability for the future.

Students have the opportunity to design/build Aboriginal gunyas and investigate animal shelters on a fun treasure hunt.



Stage 2

**Science - Living World Coasts
Stage 2: Science—Living World & Earth and Space
Bateau Bay or Copacabana Beach**

Explore the amazing cycles of life on rock platforms, and discover stories embedded in rock cliffs.

Students will investigate and understand the forces and processes that shape our beaches. They will also investigate the important relationship between the Spinifex plant and sand dunes.

Students will play environmental games about the ocean and create sand sculptures.



Stage 2

Our Aboriginal Heritage

**Stage 2: History—Community & Remembrance/
First Contacts**

Brisbane Water NP, Girrakool & Bulgandry

Students will use the Historical Inquiry Process to investigate traditional Aboriginal lifestyles and culture. They will examine real Aboriginal artefacts, participate in a bushwalk through Brisbane Water National Park and observe plants that were used to make the artefacts.

Students will learn about bushtucker and will view the bush as an important resource for food, shelter, weapons and tools. They will also have the opportunity to examine and compare two Aboriginal art engraving sites.

Rumbalara can organise an Aboriginal presenter to work alongside our educators. This could incur an additional cost per student. Please contact us if you'd like to explore this option.

Significant Environments

**Stage 2: Geography—Earth's Environment
Wyrabalong NP or Bouddi NP**

Wyrabalong National Park and Bouddi NP are spectacular and important areas for plants and animals.

Students will be guided through the geography inquiry process to answer questions about the National Park's history and features. They will also locate different habitats and record evidence and traces of animals.

Students will learn and observe how the parks are used by different people, and discuss why national parks should be protected.

