

## Investigating Our Living World

### Stage 2

#### 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 have access to our science lab, will participate in a bush walk through the reserve and will use iPads to collect observations on living things.

**Science: Living World**



## Earth & Space - Living World

### Wyrrabalong N.P - Stage 2

Students will investigate natural processes, such as erosion, and examine human impact 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.

**Science: Earth & Space**

## iPad Nature Documentary

### Stage 2/3

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.

**English: Respond to and compose texts**

**Science: Living World**



## Factors That Shape Places

### Katandra - Stage 3

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.

**Geography: Factors That Shape Places**

## Our School, Our Place

### Incursion at school or local area - Stage 3

Students will engage in a local fieldwork study and conduct scientific investigations on 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.

**Science: Living World**

**Geography: Factors That Shape Places**



## Bright Sparks

### Incursion At School - Stage 3

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. **Science: Physical World**

## Leadership

### Avoca or Kincumba Mountain - Stage 3

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. **PD/H/PE**



## Rumbalara Environmental Education Centre

## Primary Programs 2021



**Ph: 4324 7200**

**Fax: 4323 7451**

Email: [rumbalara-e.school@det.nsw.edu.au](mailto:rumbalara-e.school@det.nsw.edu.au)

Web: [www.rumbalara-e.schools.nsw.edu.au](http://www.rumbalara-e.schools.nsw.edu.au)

**Book on line at**

[www.rumbalara-e.schools.nsw.edu.au/bookings](http://www.rumbalara-e.schools.nsw.edu.au/bookings)

**Cost: \$5 per student, up to 60 students.  
Includes two Rumbalara teachers.**

**Kayak Activity at Avoca is an extra \$12 per student.**



**Education  
Public Schools**

**Bush Picnic****Brisbane Water NP, Girrakool****Early Stage 1**

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.

**Science: Living World****Geography: People Live In Places****Stage 1**
**Living World**  
**Kincumba Mountain**  
**Stage 1**

A scientific investigation of environments at Kincumba Mountain that allow 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.

**Science: Living World****Features Of Places****Rumbalara Reserve****Stage 1**

A bushwalk and hands on investigation of Rumbalara Reserve 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.

**Geography: Features of Places****Stage 2**
**Science - Living World Coasts**  
**Norah Head or Copacabana Beach**  
**Stage 2**

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.

**Science: Living World & Earth Space****Our Aboriginal Heritage****Brisbane Water NP, Girrakool & Bulgandry**  
**Stage 2**

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.

**History: Community & Remembrance / First Contacts**
**Significant Environments**  
**Wyrrabalong NP / Bouddi NP**  
**Stage 2**

Wyrrabalong 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.

**Geography: Earth's Environment****Cost: \$5 per student, up to 60 students. Includes two Rumbalara teachers.****Book On Line: [www.rumbalara-e.schools.nsw.edu.au/bookings](http://www.rumbalara-e.schools.nsw.edu.au/bookings)**