

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 and will participate in a bush walk through the reserve and 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: Responds 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

Supports Primary Connections Unit:

Essential Energy



Rumbalara Environmental Education Centre

Primary Programs 2019



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Book on line at

www.rumbalara-e.schools.nsw.edu.au/bookings

*New for 2019

Stage 2: Earth & Space - Living World

Cost: \$5 per student, up to 60 students.

Includes two Rumbalara teachers.



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

Katandra Reserve / Kincumba Mountain

Stage 1

A scientific investigation of environments at Katandra Reserve or 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 - Coastal Studies

Norah Head 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.



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 and participate in a bushwalk through Brisbane Water National Park 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