



NATURE-BASED LEARNING for PRIMARY SCHOOLS

Hands-on Interactive Curriculum Aligned

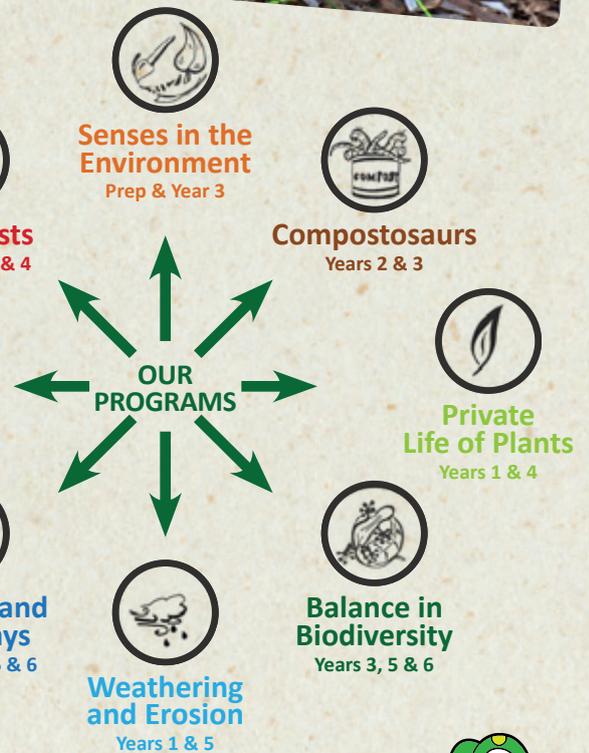


WHY CHOOSE US?

The Natura Education team are real-life scientists and teachers who deliver interactive and hands-on lessons to primary schools.

By teaching students using techniques that we also use when conducting field ecology surveys for clients in the real world we engage students and allow for fun and learning to go hand in hand while helping to fulfil the requirements of the National Curriculum.

Natura Education has over 10 years of experience in teaching children and adults of all ages about the wonders of our natural world. Our enthusiastic team have been hand-picked for their expertise, high level of experience in their field and their passion to share their knowledge.

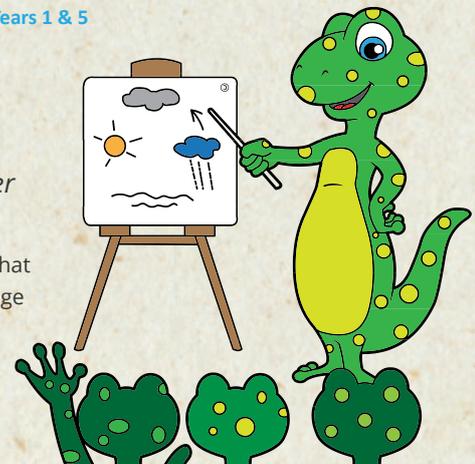


WE COME TO YOU!

Our nature-based programs are delivered as incursions on your school grounds or at another suitable location of your choice.

We provide all resources including any live creatures that will support the students' learning. All programs are age specific and curriculum aligned.

Programs for Prep to Year 3 run for 45 minutes and Years 4, 5 & 6 run for 60 minutes each.



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MORE INFORMATION FOR TEACHERS ABOUT OUR PROGRAMS

PREP PROGRAMS (45 Minutes)

Mini Beasts: Search and discover the world of mini beasts hiding in the leaf litter! Children also make observations and comparisons on the differing body forms of the creatures they have found.

Senses in the Environment: Children explore the bush using all of their senses such as touch, smell and sound, as well as looking closer at the details of nature's treasures, using this information to group what they observe.

YEAR 1 PROGRAMS (45 minutes)

Mini Beasts: Students learn new ways to collect and identify mini beasts from their school environment. They then make observations about their needs for food, shelter and protection, relating this back to where the creature was found.

Private Life of Plants: Learning to use observation skills to analyse plant samples from differing environments, recording and discussing the adaptations plants have made to best survive in their unique habitats.

Weathering and Erosion: Look closely at different rock types and group into sedimentary, igneous and metamorphic rocks. Students then investigate different soil types and study erosion through a miniature flow model activity.

Wetlands and Waterways: Students identify and explore the creatures living in a sample of creek water. They examine, identify their body parts and discuss how they can maintain the health of a local waterway.

YEAR 2 PROGRAMS (45 minutes)

Compostosaurs: Students closely examine soil samples and compost, discussing and comparing the differences. They then create their own mini compost in order to observe the composting process first hand over the weeks following the activity.

Wetlands and Waterways: Students take a closer look at a water sample, making observations and identifying water bugs. The class then discuss what their findings told them about the health of the water and ways water pollution can be avoided.

Strategies for Sustainability: Students work closely together to design and create a moving model using sustainable recycled materials. They will discuss the materials used and why their models did or did not operate as planned.

YEAR 3 PROGRAMS (45 minutes)

Compostosaurs: Students learn all about how heat and water help plant waste to naturally decompose into the soil. Additionally they explore all components that make up soil and learn about what properties help plants to grow and thrive.

Balance in Biodiversity: Using a bushland area within the school grounds students carry out a site study of living and non living things. All of these components are then discussed to reveal what makes up a habitat and why they are so important.

Senses in the Environment: Students explore patterns in nature by grouping 'treasures' (living and non-living items) that they find in their school environment. Students then further explore different living textures and patterns through a group art activity.

YEAR 4 PROGRAMS (60 minutes)

Mini Beasts: Students collect mini beasts from the school grounds and take a closer look at the body and life cycle of one species, discussing what it needs to survive. This is related to habitats and the effect of environmental change on survival.

Private Life of Plants: Students conduct a case study on differing plant samples collected from the school grounds and elsewhere. The role in the plant's survival of flowers, fruits, seeds and the other plant features are examined and discussed.

Wetlands and Waterways: Students take a close look at some water bugs, discussing the differences between complete and incomplete life cycles before learning about how these bugs can indicate pollution levels and human impacts on our waterways.

Strategies for Sustainability: The class works in groups to do a litter audit, learning and applying the concepts of 'reduce', 'reuse' and 'recycle'. Students then learn about 'smart shopping' and come up with ideas about applying this to everyday life.

YEAR 5 PROGRAMS (60 minutes)

Balance in Biodiversity: Students do an ecological survey of a bushland area to discover the diversity of insects living there and what habitats they are using to survive. Insects are then grouped and classified by their body or behavioural adaptations.

Wetlands and Waterways: Students take a close look at variety of water bugs, observing their structural features and adaptations for survival. They then discover how these bugs can indicate pollution and human impacts on our waterways.

Weathering and Erosion: An area of erosion within the school is studied to demonstrate the processes of weathering, erosion, flooding and rehabilitation works. Students then conduct their own erosion experiment by making a miniature catchment and deriving a management plan.

YEAR 6 LESSONS (60 MINUTES)

Balance in Biodiversity: The class works together to assess a bushland area for insect life and what habitats they are using to survive. Insects are grouped and classified according to their habitat and how they may be affected by human activities.

Wetlands and Waterways: Students examine a local water sample, identifying water bugs and determining the quality of the water. They then conduct an activity demonstrating various pollution scenarios and their cumulative effect on the waterway.

Strategies in Sustainability: This lesson involves students exploring the different avenues of electricity generation and comparing fossil fuels and renewable energy through an outdoor activity demonstrating the power of solar energy.

