

Bug Detectives

Stage 1

Duration: 1.5 hours. This can be combined with Dip Netting and Microscopes lessons.

Location: Wambangalang Woodlands, Obley Road, Dubbo.

Risk Management Advice: This form is emailed and will need to be returned.

Cost: This activity is included in the onsite whole day program and overnight programs.
On site whole day program \$15.00 / student.

What to bring: Students need to bring morning tea, lunch, water, hat and sunblock in a small back pack. The school encourages recycling so an Earth Friendly lunch is encouraged. An Earth Friendly lunch is one that has only recyclable or reusable containers for packaging and reduces the amount of rubbish.

What to wear: Sports uniform recommended with a hat and comfortable covered shoes.

Teachers: Teachers and visitors will need hats and covered shoes for walking in the woodlands.

Extreme weather: The school is in an extreme weather zone and could be subjected to days above 35 degrees, high wind, dust storms or extreme fire danger. Such conditions may result in the day being modified, cancelled or postponed.

Medical conditions: Please notify EEC staff.

Centre expectations: We encourage students to show respect for the environment during their visit. They can do this by being kind to all animals and insects, staying on paths and recycling their rubbish appropriately.



Overview

Bug Detectives activities provide opportunities for students to explore different insect environments and discuss shelter, food and life cycles. Students have an opportunity to focus on people's interactions with, and responsibilities towards, these living things and the environments in which they are found.

Learning Activities

It's a Small World

Students walk along Tickabilly Track and investigate the track, the ecosystem and the invertebrate animals that live there. Discuss shelters and where insects live. Discuss different types of insects that are found. Use a magnifying glass to make closer investigations of the insects and their habitats. Emphasize that we are **looking** not touching.

Shake a Tree

Hold a white bug catcher sheet under a small tree or bush. Shake branches over the sheet. Investigate and count the various bugs caught. Return bugs to the base of the tree or bush.

Worm Farm

Investigate a worm farm and its features. Handle worms from the worm farm.

Australian Curriculum Outcomes

ST1-9ES - identifies ways that people use science in their daily lives to care for the environment and the Earth's resources

STe-8NE - identifies the basic needs of living things

ST1-10LW - describes external features, changes in and growth of living things

ST1-11LW - describes ways that different places in the environment provide for the needs of living things

ST1-1VA - shows interest and enthusiasm for science and technology, responding to their curiosity, questions and perceived needs, wants and opportunities

EN1-1A - communicates with a range of people in informal and guided activities demonstrating interaction skills and considers how own communication is adjusted in different situations

SLS1.13 - recognises that their safety depends on the environment and the behaviour of themselves and others