

## Microscopes

### Stages 1 - 5

**Duration:** 1.5 hours

**Location:** Wambalang 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.  
Onsite whole day program \$15.00 / student.

**What to bring:** Students need to bring morning tea, lunch in a lunchbox, 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.

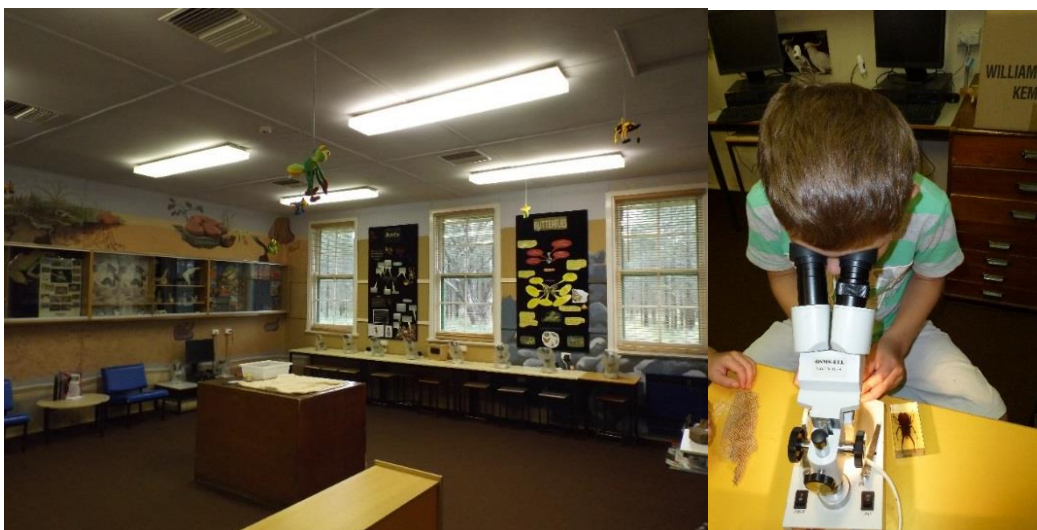
**What to wear:** Sports uniform recommended with a hat and comfortable covered shoes.

**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 their 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

The microscopes lesson provides students with skills to use a microscope, to carefully observe body parts of insects, and draw them.

## Learning Activities

View PowerPoint - *Looking at Bugs*.

Identify body parts of insects: head, thorax, abdomen, legs, wings and antennae.

Microscope skills - Explain how a microscope works and how to use it.

Students examine different types of insects under the microscope.

Students look very carefully through the microscope and make detailed sketches of insect body parts.

Share drawings.

## Australian Curriculum Outcomes

**ST2-1VA** - shows interest in and enthusiasm for science and technology, responding to their curiosity, questions and perceived needs, wants and opportunities

**ST2-10LW** - describes that living things have life cycles, can be distinguished from non-living things and grouped, based on their observable features

**ST3-10LW** - describes how structural features and other adaptations of living things help them to survive in their environment

**EN2-12E** - recognises and uses increasing range of strategies to reflect on their own and others' learning

**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

**INS2.3** - makes positive contributions in group activities