

## Booking Information

View available dates using the online [Availability Calendar](#). Contact the centre to make a booking.

### CONTACT

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*Connecting every learner to the natural world and inspiring change for a sustainable future.*



## Living World - Monitor Measures

**Is the lace monitor under threat within the forest at Brewongle? Lace monitors play a key role in local ecosystems and are an iconic Australian animal. Students will work scientifically to determine the capacity of the forest to support a population of lace monitors.**

### Scientific Inquiry Question

- Is the habitat at Brewongle EEC capable of supporting a population of lace monitors?

### Activities

**Abiotic & Biotic Data Collection** - Students use scientific equipment and tests to assess the health of the forest ecosystem.

**Nest Box Survey** - Using specialised cameras, students view live feeds on a portable screen to determine the current status of shelter sites at Brewongle.

**Water Quality Analysis** - Is there a clean water source for lace monitors? Students conduct various tests to analyse the water quality in the ponds at Brewongle.

**Scats & Tracks** - Students search for and analyse scats and tracks through the bush. They identify the animals from the tracks and scats, and discuss the connections between these animals and the lace monitor.

### Syllabus Outcomes & Content

#### Outcomes:

- analyses interactions between components and processes within biological systems SC5-14LW

#### Content:

- LW2 Conserving and maintaining the quality and sustainability of the environment requires scientific understanding of interactions within, the cycling of matter and the flow of energy through ecosystems.  
- undertakes first-hand investigations to collect

valid and reliable data and information, individually and collaboratively SC5-6WS

#### Cross Curriculum Priorities

- Sustainability