



Program : Biodiversity – Protecting Life on Earth

General Descriptor of Program:

(Years 3-6)

Take on the role of a scientist and investigate habitat health in a small area at Birrigai. Collect real data and discover the meaning of biodiversity in a fun and engaging way. Catch insects and use our excellent microscopes to take a closer look. Learn about the threats to biodiversity and how to protect life on earth.

Cross-curriculum Priorities: Sustainability

OI.2 All life forms, including human life, are connected through ecosystems on which they depend for their wellbeing and survival.

OI.7 Actions for a more sustainable future reflect values of care, respect and responsibility, and require us to explore and understand environments.

General Capabilities

- Literacy
- Numeracy**
- Information and communication technology (ICT) competence
- Critical and creative thinking
- Ethical behaviour**
- Personal and social competence
- Intercultural understanding

Cross-Curriculum Priorities

- Aboriginal and Torres Strait Islander histories and cultures
- Asia and Australia's engagement with Asia
- Sustainability**

Years targeted	Australian Curriculum links - Science		
	Science Understanding	Science as a Human Endeavour	Science Enquiry Skills
Year 3	<p>Living things can be grouped on the basis of observable features and can be distinguished from non-living things (ACSSU044)</p>	<p>Science involves making predictions and describing patterns and relationships (ACSHE050)</p>	<p>Safely use appropriate materials, tools and equipment to make and record observations, using formal measurements and digital technology as appropriate (AC SIS055)</p> <p>Use a range of methods including tables and simple column graphs to represent data and to identify patterns and trends(AC SIS057)</p> <p>Compare results with predictions suggesting possible reasons for findings (AC SIS215)</p> <p>Reflect on the investigation, including whether a test was fair or not (AC SIS058)</p>
Year 4	<p>Living things, including plants and animals, depend on each other and the environment to survive (ACSSU073)</p>	<p>Science involves making predictions and describing patterns and relationships (ACSHE061)</p> <p>Science knowledge helps people to understand the effects of their actions (ACSHE062)</p>	<p>Safely use appropriate materials, tools and equipment to make and record observations, using formal measurements and digital technology as appropriate (AC SIS066)</p>

Year 4 Cont			<p>Use a range of methods including tables and simple column graphs to represent data and to identify patterns and trends(ACSIS068)</p> <p>Compare results with predictions suggesting possible reasons for findings (ACSIS216)</p> <p>Reflect on the investigation, including whether a test was fair or not (ACSIS069)</p>
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