

# Teacher Program Overview

## Ecosystems and Lifecycles – Year Four

**Program Duration: Full Day**

### Program Overview:

Aligned with the Australian Curriculum for Year four, in the learning areas of both Science and Humanities and Social Sciences (HASS), students will engage in a full day program of hands-on learning experiences. Students will investigate the life cycles of living things and the importance of the ecosystem for survival. Students will engage in discussions on sustainability of living things, including the environment and human impact, as well as how living things depend on each other to survive. Students will investigate the importance of different environments for the survival of animals and peoples, as well as the custodial responsibilities of the Aboriginal and Torres Strait Islander people and their influence on sustainability and the management of waste. Cultural significance of living things will also be explored and storytelling from the Dreamtime in relation to our animals at Paradise Country.

### Alignment with the Australian Curriculum:

#### SCIENCE

##### Science Understanding

Biological Sciences	Living things have life cycles (ACSSU072)
	Living things depend on each other and the environment to survive (ACSSU073)
Earth and space sciences	Earth's surface changes over time as a result of natural processes and human activity (ACSSU075)

##### Science as a Human Endeavour

Use and influence of science	Science knowledge helps people to understand the effect of their actions (ACSHE062)
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##### Science Inquiry Skills

Questioning and predicting	With guidance, identify questions in familiar contexts that can be investigated scientifically and make predictions based on prior knowledge (ACSI064)
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#### HUMANITIES AND SOCIAL SCIENCES (HASS)

##### Inquiry and Skills

Questioning	Pose questions to investigate people, events, places and issues (ACHASSI073)
Analysing	Examine information to identify different points of view and distinguish facts from opinions (ACHASSI077)

##### History

Concepts of developing understanding	The diversity of Australia's first peoples and the long and continuous connection of Aboriginal and Torres Strait Islander Peoples to Country/Place (land, sea, waterways and skies) (ACHASSK083)
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##### Geography

Concepts of developing understanding	The importance of environments, including natural vegetation, to animals and people (ACHASSK088)
	The custodial responsibility Aboriginal and Torres Strait Islander Peoples have for Country/Place, and how this influences views about sustainability (ACHASSK089)

##### General Capabilities:

- Critical and Creative Thinking
- Personal and Social Capabilities
- Ethical Understanding
- Intercultural Understanding

##### Cross-Curriculum Priorities:

- Aboriginal and Torres Strait Islander Histories and Cultures
- Sustainability

##### Additional Information:

Students can experience opal and gold mining, as well as koala photos, for an additional charge. These additional experiences would extend the program by approximately 30 minutes, with the program finish time being approximately 2.30pm.

## Teacher Program Schedule Ecosystems and Lifecycles – Year Four

### Time

9.30am	<b>Arrival</b>
	Students and teachers will be collected from the front of Paradise Country and lead to the homestead at the beginning of the day.
10.00am	<b>Welcome and Morning Tea</b>
	Students will have a morning tea of damper and discuss how it is made.
10.30am	<b>Adventure Camp Activities</b>
	During this session students will have the opportunity to participate in activities and discussions and will learn about the lifecycles of some native Australian animals. Students will also learn about the importance of ecosystems and how animals depend on each other and the environment to survive. They will have the chance to get up close and interact with some of our amazing animals.
11.30am	<b>Wildlife Walkabout</b>
	During this session students will have the opportunity to get up close with our Eastern Grey and Red Kangaroos. Students will be able to pet and feed the kangaroos and engage in discussions with Education Staff about the life of kangaroos out in the wild.
12.00pm	<b>LUNCH</b>
	Students to bring lunch with them to Paradise Country or can be pre-order from the venue.
12.30pm	<b>Sheep Shearing Show</b>
	In this session students will visit our authentic shearing shed and meet the stars of the Sheep Shearing Show including the famous Merino Ram. Students will learn about the history of the shearing industry, the steps involved in wool production and have the opportunity to watch our master shearer in action.
1.00pm	<b>Have Fun Milking a Cow</b>
	During this session students will learn about the basic needs of farm animals and how the farmer provides them with food and shelter. Students will talk about different products that can be collected from farm animals, such as using their wool for clothing and warmth as well as using milk to drink and to make other dairy products. Students will learn about the process of milking a cow, both traditionally and in modern times, and how the milk is used to make other dairy products.
1.30pm	<b>Farmyard Feeding Frenzy</b>
	To wrap up the day, students will be able to pet and feed our baby farmyard animals in the Animal Nursery. They will be able to see animals at different stages of development and learn about their different needs as they grow. They will also be able to look at what is growing in our Veggie Patch and learn about what we use it for at Paradise Country.
2.00pm	<b>Program Conclusion</b>

**OPTIONAL Gold and Gemstone Mining\*** Experience the thrill of mining for gold, and precious gemstones. For a small fee\*, students will learn about a fascinating part of Australian history while having fun.