

Teacher Program Overview

How to Live in my Environment – Year Five

Program Duration: Full Day

Program Overview:

In alignment with the Year Five Australian Curriculum for Science and Humanities and Social Sciences (HASS) this full day program will provide the students opportunities for active participation with native Australian and farmyard animals.

Within the Science curriculum, students will explore and investigate that living things have structural features and adaptations that help them to survive in their environment. Students will also engage in learning about geography and how the influence of people, including Aboriginal and Torres Strait Islander people, effects the environmental characteristics of Australian places. Investigative discussions about the environmental and human influences on location, management of environment and the impact of bushfires or flooding on the animals and the environment, will also take place. Exploration of the influence of Aboriginal and Torres Strait Islander people to the land and the cultural significance will also be investigated through the sharing in Dreamtime stories.

Alignment with the Australian Curriculum:

SCIENCE

Science Understanding

Biological Sciences	Living things have structural features and adaptations that help them to survive in their environment (ACSSU043)
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Science as a Human Endeavour

Use and influence of science	Scientific knowledge is used to solve problems and inform personal and community decisions (ACSHE083)
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Science Inquiry Skills

Questioning and predicting	With guidance, pose clarifying questions and make predictions about scientific investigations (AC SIS231)
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HUMANITIES AND SOCIAL SCIENCES (HASS)

Geography

Concepts of developing understanding	The influence of people, including Aboriginal and Torres Strait Islander Peoples, on the environmental characteristics of Australian places (ACHASSK112)
	The environmental and human influences on the location and characteristics of a place and the management of spaces within them (ACHASSK113)
	The impact of bushfires or floods on environments and communities, and how people can respond (ACHASSK114)

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

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Time

9.30am	Arrival	Students and teachers will be collected from the front of Paradise Country and lead to the homestead at the beginning of the day.
9.45am	Sheep Shearing Show	During the sheep shearing show the students will learn about a number of elements of biological science, including structural features and adaptations used for survival. Our professional shearers will explore sustainability and how living things are grown for food, clothing and shelter, such as how sheep can be bred for their wool. The shearers will explain the differences between traditional and modern shearing methods, different types of wool properties, the shearing rotation and how different types of wool is commonly use by the community.
10.15am	Morning Tea with Damper	Students will be provided with damper for morning tea and discuss the history of damper and how it is prepared
10.35am	Scaly Fun with our Reptile Friends	This session will cover interesting facts about our scaly and cold-blooded friends and their structural features, including their ability to adapt to survive in their environment. Students will learn about the biology and conservation of these special creatures and have the opportunity to interact with one of our reptile friends. Students will also engage and explore the cultural significance of these reptiles and stories from the Dreamtime. Students will gain knowledge and understanding about the importance of the environment to both animals and people for their optimum survival.
11.00am	Wildlife Walkabout	The wildlife walkabout will allow students to explore and investigate the structural features of our native Australian kangaroos and the structural features that help them to survive in their natural environment. Our wildlife keepers will explain and explore the adaptations that kangaroos use to survive the harsh conditions of their natural habitat and how they are used by the kangaroos at Paradise Country. Our wildlife keepers will elaborate on the impact of bushfires and flooding for the animals and the environment and how people respond differently, including the cultural influence of Aboriginal and Torres Strait Islander people. Students will learn about the cultural significance to the Aboriginal and Torres Strait Islander people, including the animals, environment, and engage in Dreamtime stories.
11:30am	Have Fun Milking a Cow	The Year Five students will investigate biological science of farm animals including dairy cows. The students will learn about the adaptations of each of these animals and how they are used to survive in the farming environment. Students will investigate the impact of natural disasters, such as bushfires and flooding, and how this affects the animals and environment. A demonstration of milking a cow will engage the students and allow them to explore how milk is used to make other dairy products. Students will also learn about how these animals grow and change and how this affects the jobs they do on the farm. Students will also discuss how the Earth's resources are used in different ways in relation to the farming environment.
12.00pm	LUNCH	Students to bring lunch with them to Paradise Country or lunch can be pre-ordered through the venue.
12.30pm	Howl With A Dingo	Students have the unique opportunity to take part in designing enrichment for our resident dingos and why this is important. Students will learn about their unique personality traits, natural behaviour, reproduction, special diets, adaptations, as well as explore the conservation of these amazing predators. Students will explore and engage in discussions about the dingo's cultural significance to the Aboriginal and Torres Strait Islander people and how they are used for hunting and protecting from predators. Students will learn about the importance of the environment for both animals and people, as well as how the custodial responsibilities of the Aboriginal and Torres Strait Islander people influence sustainability.
12.45pm	Kick Back With Sleepy Koalas	Students will learn interesting facts about the koala's basic needs, including their unique behaviour, food they eat, their structural features, adaptations and the affects the environment has on the sustainability of these animals. Students will engage and explore the cultural significant of these native animals to the Aboriginal and Torres Strait Islander people and share in the telling of a Dreamtime story. This session will also discuss environmental factors, such as bushfires and flooding, in relation to the survival of the koalas. Discussions about the impact of humans, including Aboriginal and Torres Strait Islander people, and their impact on the environment and the land, as well as the management of the land.

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1.15pm **Farmyard Feeding Frenzy**

Students will investigate the many baby farmyard animals and their individual structural features to compare similarities and differences. Students will learn about the adaptations for each animal and how assists the animals to survive in their environment, comparing and contrasting to the other farmyard animals. Interacts with the animals will include feeding time and learning more about their needs as they grow and change.

2.00pm **Program Conclusion**

Students will be given the opportunity to ask any last questions and will be provided with their workbooks to take with them.

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.