



Red Hill

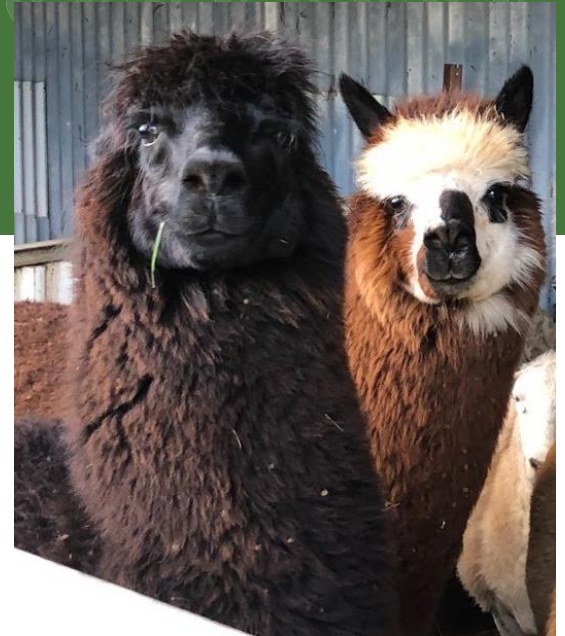
ENVIRONMENTAL
EDUCATION CENTRE

MULTISTAGE - SCIENCE

Living World: Our Relationship With Living Things

UNIT OVERVIEW

Humans are dependent on living things for food, fibre and our survival! This program explores how we use and depend on the living things around us and how this relationship needs to be sustainable. This program can be differentiated and delivered to Early Stage 1, Stage 1 and Stage 2 through a variety of authentic, hands-on learning experiences. Students have the opportunity to engage with a range of focus areas including honeybees, worms, alpacas, chickens and/or First Nations traditional uses.



OUTCOMES

STe-3LW-ST explores the characteristics, needs and uses of living things

ST1-5LW-T identifies how plants and animals are used for food and fibre production

ST2-5LW-T describes how agricultural processes are used to grow plants and raise animals for food, clothing and shelter



KEY INQUIRY QUESTIONS

- **ES1:** How can living things be used to meet our needs?
- **S1:** How do humans use plant and animals?
- **S2:** How do we create food and fibre products from animals and plants?

CONTENT

- recognise that plants and animals can be used as food, or materials (fibres) for clothing and shelter
- explore everyday items that are designed and produced from fibres sourced from plants and animals
- explore the plants and animals used in traditional practices of First Nations Peoples



HONEYBEES

Students are introduced to the wonderful world of bees and explore how and why humans manage honeybees in hives and how we are dependent on them. Activities may include: beekeeper presentation, honey tasting, cooking with honey, beeswax art and craft and beeswax wrap making.

ALPACAS

Meet the Red Hill alpacas Murry and Jules and learn about their needs, husbandry and how they produce fleece. Students will explore the uses and qualities of alpaca fibre and handle the raw and processed product. Activities may include: alpaca yarn craft and felting.

CHICKENS

Students meet and interact with the Red Hill chickens and discuss their needs as living things and how we use and care for them. Activities may include: cooking with eggs, interacting with chicks (season dependent), quill making and examining the parts of an egg.

WORMS

Students learn about the essential role of worms and take a tour of the Red Hill worm farms. Students explore the importance of decomposers in our environment and healthy soils for growing food. Activities may include: feeding the worm farms, handling worms, identifying their parts and constructing mini wormeries.

FIRST NATIONS FOOD & FIBRE

Students explore some of the plants and animals traditionally used by First Nations peoples for food and fibre. Activities may include: bush tucker talk and tour, seed grinding and traditional weaving.

Please note certain activities are suited to specific Stages. The above information is a guide only. Please contact us to discuss your program and Red Hill teaching staff will plan activities to best cater for your student needs.

For bookings or further enquiries about this program, please contact Red Hill Environmental Education Centre on 02 6374 2558 or redhill-e.school@det.nsw.edu.au.

