



MIRACULOUS TREES

Y2

Discover what makes our native trees miraculous!

SCIENCE
SUSTAINABILITY

Students will discover how unique and amazing our native trees are! From marri trees to the iconic banksias, each species has developed unique and special ways to live – and thrive – in our harsh and dry climate. Students will play hands-on games to learn about how our native trees grow, change and have offspring similar to themselves and survive the challenges of the bush!

In this program, your Year 2 students will:

- ✓ Understand that plants have a life cycle and stages.
- ✓ Understand that plants are living and growing.
- ✓ Learn that native plants have evolved to live in a dry, fire-prone environment.
- ✓ See that seedlings grow to look like the adult plant.

WHAT TO EXPECT



Before your session starts, make your way to the meeting point.



The session begins with exploring the life cycle of one of our popular native trees – the marri tree.



In groups of 6-8, students will play a seed survival game to discover the challenges faced by the offspring of the marri tree. What do they need to survive and grow to adulthood?



The class will then go on a short walk through the Park's bushland learning about three special plants as they go - the grass tree, jarrah and firewood banksia. Using games, storytelling, craft and iPad technology, the students will learn about how the trees grow and survive.



Finally, the students will test their memory of our special trees by sorting out seeds and pods they have collected on their journey and share some of the interesting facts that they have learnt about their native trees.



Cost	\$6.00 per child
Availability	Monday to Friday
Duration	60 minutes
WA Curriculum Links	<ul style="list-style-type: none"> ■ Science: ACSSU030, ACSHE035, ACSIS037 ■ Sustainability: OI.2, OI.7, OI.9 <p><i>See over for details.</i></p>

Important information:

- Parent helper assistance is required for individual groups.
- This is an outdoor activity. Weather appropriate clothing and enclosed shoes are required by all participants.
- Natural hazards such as biting insects may be present.



WA CURRICULUM LINKS

MATHEMATICS

Science Understanding

Biology Science

Living things grow, change and have offspring similar to themselves (ACSSU030)

Elaborations:

- recognising that living things have predictable characteristics at different stages of development.
- exploring different characteristics of life stages in animals such as egg, caterpillar and butterfly.

SCIENCE

Science as a Human Endeavour

Use and Influence of Science

People use science in their daily lives, including when caring for their environment and living things (ACSHE035)

Elaborations:

- recognising that many living things rely on resources that may be threatened, and that science understanding can contribute to the preservation of such resources.

SCIENCE INQUIRY SKILLS

Questioning and Predicting

Pose and respond to questions, and make predictions about familiar objects and events (AC SIS037)

Elaborations:

- using the senses to explore the local environment to pose interesting questions and making predictions about what will happen.

SUSTAINABILITY

Organising Ideas

Systems

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

Futures

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

OI.9 Sustainable futures result from actions designed to preserve and/or restore the quality and uniqueness of environments.

