



# 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.



<b>Cost</b>	\$7.00 per child
<b>Availability</b>	Monday to Friday
<b>Duration</b>	60 minutes
<b>WA Curriculum Links</b>	<ul style="list-style-type: none"> <li>■ Science</li> <li>■ Sustainability: OI.2, OI.7, OI.9</li> </ul> <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.

Whiteman Park

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## WA CURRICULUM LINKS

### MATHEMATICS

#### Science Understanding

#### Biological sciences

Plants and animals have life cycles through which they grow, change and have offspring (WA2SSUB1)

### SCIENCE INQUIRY

#### Questioning and predicting

Pose questions, explore ideas and make predictions based on knowledge and experiences (WA2SSIQ1)

#### Planning and conducting

Make and record observations, including informal measurements (WA2SSIPL2)

#### Collaborating and applying

Use science knowledge and understandings to make decisions and choices in their environment (WA2SSICL1)

### SUSTAINABILITY

#### Organising Ideas

#### Systems

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

#### Futures

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

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



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