

TEACHER INFORMATION

Adelaide Botanic Garden

"A natural place to learn..."

Education @ Adelaide Botanic Garden

www.botanic.sa.edu.au



Government of
South Australia



Botanic Gardens of
SOUTH AUSTRALIA

Education @ Adelaide Botanic Garden is made possible through a partnership between the Department for Education and Child Development and the Botanic Gardens of South Australia.

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Bookings

All visits to the Botanic Gardens should be booked as part of risk management.

Self-Managed Excursions

Booking online: <http://www.botanic.sa.edu.au/index.php/book-online>

Booking by email: dehbgschools@sa.gov.au booking form here

Booking by phone: 08 8222 9311

Education Manager discussions and bookings

ph: 08 8222 9344 or email: aaron.harrison@sa.gov.au

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Guidelines when in the Garden

Students must be supervised at all times while in the Garden.

Before starting your walk please remind your group that:

- Gardens are peaceful places for people to relax and enjoy.

- Walking slowly and talking quietly ensures everybody and everything will enjoy the gardens.
- Plants are fragile, touch them gently.
- Flowers, leaves, bark, seeds etc. growing on plants or lying on the ground are there for all to enjoy. When you have finished with plant material found on the ground always return it to the garden.
- Keeping to paths and not walking on beds or borders avoids damage to plants.

Risk Management

- Water: The garden has a number of open water bodies and requires close supervision by teachers and supervising adults.
- Student ratio: Adult to student ratio is recommended at 1:10, for Early years and Junior primary this should be lower.
- Weather: Excursions at the Adelaide Botanic Garden are outdoors so sun protection is required, insect repellent at certain times of the year is recommended. Light showers are not an issue in the gardens and at time enhances the experience. There are a number of sheltered areas throughout the garden and raincoats are preferred to umbrellas.
- Washing: After working in the wetland or handling plant material hands should be thoroughly washed particularly before eating.
- Toilets: There are 5 groups of public toilets across the Garden as indicated on the maps.

Visitor Map

Insert portrait map TOM

Australian Curriculum Connections

Most trails include reference to the Australian Curriculum that is the focus of the discovery trail. Some have a number of learning areas with a view to teachers choosing the focus or simply using a cross curricula strategy. The following areas have been considered.

General capabilities

Cross-curriculum priorities

Learning areas

Planning a visit

We hope your school visit to the Garden is a valuable and enjoyable learning experience for your students. Please note the map for toilets, kiosk, entrance gates and shelters. Botanic Park is an ideal place for lunch. All discovery trails have a separate map to help you find plants related to each trail.

Opening times: (all sections of the garden are free entry)

Museum of Economic Botany	10am – 4pm	Wednesday - Sunday
Palm House	10am – 4pm	Everyday
Simpson House	10am – 4pm	Everyday
Bicentennial Conservatory	10am – 4pm	Everyday
Amazon Waterlily Pavilion	10am – 4pm	Everyday

Parking and access

Bus Parking

Students may be dropped off in front of the Goodman Building, off Hackney road, or between the Botanic Gardens and the Zoo on Plane Tree Drive.

They must not be dropped off at the Conservatory or Friends gates as it is dangerous and will incur a \$400 fine.

Bus parking is available at the nearby Torrens Parade Ground, contact the Building Manager, phone: 82039854 mob: 0403253203 to make a booking (preferably a week in advance).

Teacher background information

Most of the discovery trails follow a sequence of plants around the garden (map included in each). This section provides teachers with background information on each plant or station. Some suggested student responses are included which relates to the student activities booklet, they are by no means exhaustive.

The teacher section also has a sketch or photo to help identify the plants. Many also include some teaching hints or suggestions such as points for particular discussions about relevant issues eg the environment.

Student activities

There is a separate booklet of section for student activities. It is anticipated that these will be printed off for students to use. They are in PDF form so they can also be downloaded to an ipad or android in an **ibook** form. Trails are in the process of being transposed into electronic interactive documents to be used on tablets. The student activities are designed to encourage students to observe record, discuss and then use the information they collect. It is also designed to engage the students more closely with the garden.

Finding the plants

The following tips will help you to find plants on the discovery trails in the Adelaide Botanic Garden.

- Orientate yourself by aligning the North arrow on your map in a northerly direction. (You are facing North when you have your back to the city or to North Terrace.)

- Use the map to find the area in which the plant is located.

When you think you are near the required plant:

- Use drawings and photos in the booklet to help identify the plant you want. (Remember some plants change with the seasons)
- Match the name of the plant on the brown plant label with the one in the 'Teacher Guide' section of your booklet (see example of a plant label below).

Myrtaceae (<i>Family name</i>)	
<i>Eucalyptus camaldulensis</i> (<i>scientific name</i>)	
River Red Gum (<i>common name</i>)	
Qld, N.S.W., S.A.	G880511
<i>(where the plant grows naturally)</i>	<i>(garden accession number)</i>

List of Discovery Trails

Junior Primary

Aboriginal Plant Use
 Aboriginal, Science & Sustainability
 Asia: Plants, people & Culture
 Australian Plants
 Biodiversity
 Bug Detective
 Dinosaurs
 Food

Greek Odyssey
 Indonesian Language Walk
 Living with Megafauna
 Rainforest Treasures
 Rainforest Walk
 Secret Gardens
 Strange Plants
 Talking Trees
 Water Quiz Trail
 What's behind the Garden Gate?

Upper Primary

Aboriginal Plant Use
 Aboriginal, Science and Sustainability
 Asia: Plants, people & culture
 Australian Plants
 Children's University
 China: Plants, people a& Culture
 Biodiversity
 Bug Detective
 Classification
 Desert Survivors
 Dinosaurs Daze
 Ecotrek
 Egypt
 Feral Plants
 Food

Greek Odyssey
 Italian Odyssey
 Indonesian Language Walk
 Life in a Wetland
 Living with the land
 Living with Megafauna
 Paper Chase
 Plants and the Environment
 Plants for People
 Plants and People of China
 Plants in Danger
 Rainforest Walk
 Secret Gardens
 Spice Trade
 Strange Plants
 Water Quiz Trail
 Wetland Walk

Secondary

Aboriginal Plant Use
Aboriginal, Science & Sustainability
Australian Plants
Asia: Plants, People & Culture
Biodiversity
Children's University
Classification
Feral Plants
Greek Odyssey
Egypt
Life in a Wetland
Living with the land

Paper Chase
Plants and People: a colonial view
Plant Adaptation
Plant & Animal Interactions
Photography (see special programs)
Plants for People
Plants and the Environment
Plants in Danger
Rainforest Walk
Strange Plants
Survivor: Pacific Island
Wetland Walk
Wetland Science (see special programs)

Special Programs and Events

The Education Service regularly runs extended programs and special performances for schools. Check out the education website.

<http://www.botanic.sa.edu.au/index.php/events>

<http://www.botanic.sa.edu.au/index.php/special-programs>