




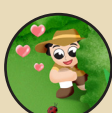





PRESCHOOL EDUCATIONAL PROGRAMMES

SINGAPORE BOTANIC GARDENS

LEGEND OF ICONS

Icon	Learning Area in NEL Framework	Details
	Discovery of the World	Use senses to explore, investigate and nurture an interest in living things and the natural world. Cultivate a positive attitude towards the environment.
	Language and Literacy	Listen to stories for information and enjoyment. Speak to convey meaning and improve communication with others.
	Aesthetics & Creative Expression	Express ideas, creativity, feelings and imagination through rhythm and movement.
	Numeracy	Count plant parts and recognise basic shapes, numbers and patterns found in nature.
	Motor Skills Development	Demonstrate control, coordination and balance in fine and gross motor tasks by engaging in physical activities to develop healthy habits and safety awareness.
	Social and Emotional Development	Show respect and care for self, others, biodiversity and the environment. Learn the importance of environmentally-friendly actions.

OVERVIEW OF PROGRAMMES

Programme Title (page number)	Discovery of the World	Language and Literacy	Social and Emotional Development	Numeracy	Aesthetics & Creative Expression	Motor Skills Development
Storytime with Sara: Jacob Ballas Children's Garden (pg 4)						
Storytime with Sara: Exploring the Singapore Botanic Gardens (pg 5)						
Storytime with Sara: Learning About The 3Rs (pg 5)						
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Sara The Forgetful Dinosaur (pg 6)						
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Be an Ethnobotanist for a Day! (pg 11)						
Fascinating Creatures of Singapore Botanic Gardens (pg 12)						



Central curriculum focus



Supporting curriculum link

STORYTELLING PROGRAMMES



Storytime with Sara: Jacob Ballas Children's Garden

Link to NEL
Framework:



Age Group: N1 – N2 levels

Location: Jacob Ballas Children's Garden (Bukit Timah Core)

Join us for a fun-filled storytelling session, specially designed for little ones. Children will explore Jacob Ballas Children's Garden with Sara the Botanicosaurus and her squirrel friends, Fluff-tail and Twitchy. To conclude the programme, children will have the opportunity to get up-close-and-personal with plants that are featured in the story, and even have the chance to rock the Suspension Bridge and play hide-and-seek in the Maze.

Learning Outcomes

Children will be able to:

- Discover, explore and be stimulated by the various attractions found in the Gardens.
- Be introduced to visually interesting and useful plants (e.g., edibles).
- Learn about various ways to enjoy JBCG; its plants, animals and the environment.

■ All guided tours are 1.5hrs, at a flat rate of \$180 per group subjected to a maximum of 20 students, unless otherwise stated.

Storytime with Sara: Exploring the Singapore Botanic Gardens

Link to NEL
Framework:



Age Group: N1 – N2 levels

Location: Tanglin Core

Join us for a fun-filled storytelling session, specially designed for the little ones. Children will explore the Tanglin Core of the Singapore Botanic Gardens with Sara the Botanicosaurus and her squirrel friends, Fluff-tail and Twitchy. To conclude the programme, children will have the opportunity to get up-close-and-personal with plants that are featured in the story, view the graceful white swans of Swan Lake and even visit the Singapore Botanic Garden's iconic Bandstand.



Learning Outcomes

Children will be able to:

- Observe and identify at least three heritage trees and three iconic landmarks of SBG.
- Listen to stories and recall interesting information about plants and animals found in Tanglin Core of SBG.
- Learn about and recognise the impact of good habits when visiting a garden or park.



Storytime with Sara: Learning About The 3Rs

Link to NEL
Framework:



Age Group: K1 – K2 levels

Location: Jacob Ballas Children's Garden (Bukit Timah Core)

Join us for a fun-filled storytelling session, specially designed for little ones. Together with Sara the Botanicosaurus and her friend, Rana the Frog, children will learn about the importance of trees, how to save the earth and what we can do to protect the environment.

Learning Outcomes

Children will be able to:

- Understand the importance of the 3Rs and identify some human activities that may harm or pollute the environment.
- Recognise and communicate at least three environmentally-friendly habits which demonstrate a positive attitude towards the environment.
- Discover more about plants with multiple uses (e.g., banana and coconut).



All guided tours are 1.5hrs, at a flat rate of \$180 per group subjected to a maximum of 20 students, unless otherwise stated.

GUIDED TOURS

Sara Goes Gardening

Age Group: K1 – K2 levels

Location: Jacob Ballas Children's Garden (Bukit Timah Core)

**Link to NEL
Framework:**



Sara, the Botanicosaurus, her siblings and friends are going to discover the joy of gardening at the Singapore Botanic Gardens. Join Sara as she discovers fascinating facts and enjoys interesting stories about aloe vera, lemon grass, garlic, spring onion and many more nutritious and yummy herbs and spices. Alongside learning about plants for a healthier and stronger body, pick up gardening tips to grow your favourite plants for your very own kitchen garden!

Note: in addition to the flat rate of \$180 per group, a workbook fee of \$3 per copy applies.

Learning Outcomes

Children will be able to:

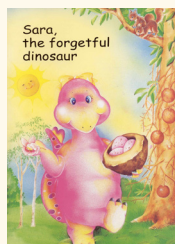
- Embark on a sensory trail to discover at least five types of edible plants.
- Learn about and explore the many uses of common herbs and spices.
- Learn about the importance of gardening, observe a demonstration on potting up herbs and how to care for these plants.

Sara The Forgetful Dinosaur

Age Group: K1 – K2 levels

Location: Tanglin Core

**Link to NEL
Framework:**



A giant prehistoric dinosaur has left her eggs in the Singapore Botanic Gardens! Join Sara the Botanicosaurus and her squirrel friends in this adventure. Children will discover some interesting members of the plant kingdom on this guided tour ending in a treasure hunt.

Note: in addition to the flat rate of \$180 per group, a workbook fee of \$2.50 per copy applies.

Learning Outcomes

Children will be able to:

- Observe and identify five interesting and iconic trees found in the Gardens.
- Explore and carry out activities (e.g., drawing and colouring) specific to each tree.
- Be engaged in a simple game to reveal the hidden eggs.

All guided tours are 1.5hrs, at a flat rate of \$180 per group subjected to a maximum of 20 students, unless otherwise stated.

Sara Goes to the Supermarket Garden

Link to NEL
Framework:



Age Group: K1 – K2 levels

Location: Jacob Ballas Children's Garden (Bukit Timah Core)



Sara the Botanicosaurus, with her siblings and friends, visit the Supermarket Garden in the Jacob Ballas Children's Garden. Join Sara to learn fascinating facts and hear interesting stories about the banana, peanut, soya bean, sugarcane, sweet potato and many more yummy fruit and vegetables in this special garden. Alongside learning about plants which you can eat, pick up tips on being a nutritional winner by eating delicious greens to stay strong and healthy!

Note: in addition to the flat rate of \$180 per group, a workbook fee of \$3 per copy applies.

Learning Outcomes

Children will be able to:

- Learn about and investigate where our fruit and vegetables come from.
- Examine and recognise the value of plants and identify some of the common food produce that originate from plants.
- Understand why it is important to eat healthy and nutritious fruit and vegetables.



Numbers & Shapes

Link to NEL
Framework:



Age Group: K1 – K2 levels

Location: Tanglin Core or Jacob Ballas Children's Garden (Bukit Timah Core)

Follow a trail of numbers and shapes in the Gardens! Children will have the opportunity to discover some interesting characteristics about selected plants with special emphasis on leaves, their numbers and shapes.

Learning Outcomes

Children will be able to:

- Understand the importance of leaves to a plant, recognise and identify various leaf shapes and types.
- Count, examine and compare the different sizes, shapes and patterns of leaves; at least six different plants will be observed during the tour.



Let's Discover Plants and Animals

Age Group: K1 – K2 levels

Location: Bukit Timah Core or Tanglin Core

**Link to NEL
Framework:**



Apart from plants, we often come across many animals in the Gardens, such as birds, frogs, squirrels, butterflies, dragonflies, ants, earthworms. Be amazed by the many different types of animals in the Gardens! Learn fascinating facts about wildlife in the Gardens and pick up tips on respecting them in nature and our environment. You may even have the chance to get up-close-and-personal with a plantain squirrel and a monitor lizard too!

Learning Outcomes

Children will be able to:

- Discover and examine a diversity of interesting plants in the Gardens.
- Observe and identify some animals which are seen in the Gardens.
- Connect the importance of plants and animals with the environment that they can be found in.

■ All guided tours are 1.5hrs, at a flat rate of \$180 per group subjected to a maximum of 20 students, unless otherwise stated.



Flower Trail of the Gardens

Link to NEL
Framework:



Age Group: K1 – K2 levels

Location: Tanglin Core or Jacob Ballas Children's Garden (Bukit Timah Core)

Children will have the opportunity to take a closer look at selected flowering plants to learn about their beautiful colours and explore different parts of a flower as well as their different functions. They will also go on a guided tour to learn more about the flowers found around the Singapore Botanic Gardens.

Learning Outcomes

Children will be able to:

- Identify and recognise the importance of flowers.
- Count flowers and flower parts, examine different flower shapes, sizes and colours of at least six different flowers observed during the tour.





Seed Bank Tour

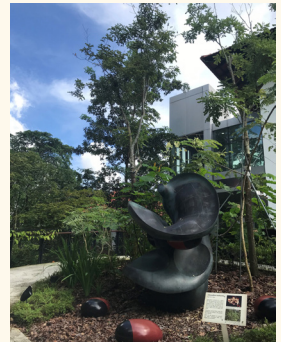
Link to NEL
Framework:



Age Group: K1 – K2 levels

Location: Singapore Botanic Gardens Seed Bank (Bukit Timah Core)

Go on a journey to be ‘wow’ed by the wild and fascinating world of seeds and discover the importance of saving them. Find out the various interesting methods of dispersal and how seeds play an integral role in our daily lives. Children will get a glimpse of the work that goes on in the Seed Bank; from how seeds start their journey in the forest to the seed-saving procedure in the laboratories. The tour will also include the Seed Dispersal Garden featuring plants and sculptures that demonstrate the four dispersal mechanisms – wind, water, animal and self-dispersal.



Learning Outcomes

Children will be able to:

- Observe and compare different shapes and sizes of seeds.
- Identify different methods of seed dispersal and understand how these help the plants.
- Recognise the importance of seed saving and seed banks in plant conservation.



Be an Ethnobotanist for a Day!

Link to NEL
Framework:



Age Group: K1 – K2 levels

Location: Centre for Ethnobotany (Bukit Timah Core)

Join us on a journey to discover the many uses of plants for food, clothing, medicine and craft! Children can step into the shoes of an ethnobotanist, to appreciate the importance of plants in their daily lives and learn about how plants have shaped human culture. Try your hands on the many interactive displays that can be found in the Centre for Ethnobotany!

Learning Outcomes

Children will be able to:

- Discover and understand how humans have historically and culturally depended on plants in their daily lives.
- Explore and identify interesting and useful plants in the Centre for Ethnobotany and the Ethnobotany Garden.
- Reflect on the importance of conserving our natural resources and habitats.

■ All guided tours are 1.5hrs, at a flat rate of \$180 per group subjected to a maximum of 20 students, unless otherwise stated.

INTERACTIVE TALK



Fascinating Creatures of Singapore Botanic Gardens

Duration: 45 minutes

Age Group: N1 – K2 levels

Group Size: 15 – 65 participants

Price: Free of charge

Location: School premises

Link to NEL Framework:



Learn more about the fascinating biodiversity of our local flora and fauna, and the habitats in which they live, during this interactive programme. Children will have the opportunity to roleplay as different animals and plants found within the Singapore Botanic Gardens in this interactive sharing session. Learn more about these living things, and their relationships with the environment.



Learning Outcomes

Children will be able to:

- Express themselves creatively, while imagining themselves to be different plants and animals.
- Use movement to demonstrate balance, control and physical coordination, while participating in the interactive talk.
- Learn about local flora and fauna (plants and animals) and develop a greater awareness of the natural world.



GUIDED TOURS FOR EDUCATORS



Duration: 1.5 hours

Target Audience: Preschool teachers who wish to lead their own tours

Group Size: a maximum of 12 educators

Price: flat rate of \$180 per group

Location: 1) Jacob Ballas Children's Garden (Bukit Timah Core)

2) Singapore Botanic Gardens Seed Bank (Bukit Timah Core)

3) SBG Heritage Museum (Tanglin Core)

These guided tours will showcase various attractions found in the Singapore Botanic Gardens. Our guides will provide background information on the Gardens' landscapes and history, as well as share interesting stories about the plants and animals found in the Gardens.

FREQUENTLY ASKED QUESTIONS



How do I register my school for an educational programme?

- Registration is on a first-come-first-served basis upon receipt of the registration form. Please click [here](#) to register.
- To avoid disappointment, please register online at least one month prior to commencement of your intended programme.
- Booking is only confirmed when we email a confirmation letter to your school. If you do not hear from us one week prior to the commencement of the programme, please contact us.

What is the size of each group?

- The group size for each educational tour for schools is a maximum of 20 students.
- The group size for each educators' tour is a maximum of 12 educators.

What if I need to change my booking?

- Changes to bookings should be made at least 7 working days prior to commencement of the programme. Otherwise, the flat rate for each group may be levied.
- Cancellation made on the day of the programme without prior notification will result in the levy of the flat rate for each group.

What if my programme is affected by wet weather?

- For safety reasons, programmes will be cancelled in the event of inclement weather on the scheduled day and/or time of the programme.
- Programmes can continue if weather conditions permit e.g., light drizzle.
- Please call us at least 1.5 hours before commencement of the programme if you wish to cancel your programme in the event of inclement weather. There will be no charge levied for cancellation of programme due to inclement weather.

What are the modes of payment?

- We accept cashless payment only. Payment can be made by credit card and NETS on the day of the programme.
- Alternatively, an E-invoice (with the provision of a sub-BU code) can be issued to your designated school or organisation after completion of the programme. Please note that our credit term is 30 days from the date of issuance of invoice.

What happens when we reach the Gardens?

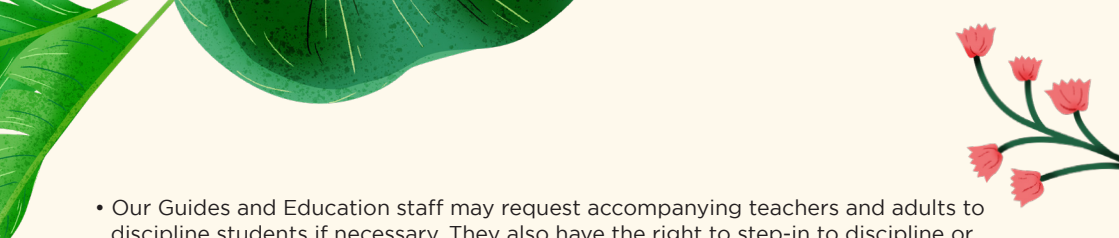
Before programme

- Please check the meeting point & directional map as stated in the confirmation email.
- A softcopy of the SBG map can be found [here](#).

During programme

- To ensure all programmes begin and end punctually, please arrive at least 10 minutes before commencement of the programme.
- Upon arrival, please present your confirmation letter and inform our Education staff about the exact number of students and accompanying adults who are attending the programme.
- Students should be divided according to the number of groups to ensure all groups have supervision at all times.
- Teachers and adults must be present at all times to instil discipline if necessary.



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- Our Guides and Education staff may request accompanying teachers and adults to discipline students if necessary. They also have the right to step-in to discipline or remind students of garden rules should discipline problems persist after reminders to the accompanying teachers and adults.
 - Please note that schools and organisations are liable for any misconduct or damage incurred during the programme.

After programme

- An online feedback form will be provided to accompanying teachers. We encourage you to fill one up so that we can continue to provide more impactful educational programmes.

How can I enjoy the educational programmes at the Gardens?

- Comfortable clothing and walking shoes are recommended. Participants are encouraged to bring along their own water bottles, hats/caps as well as insect repellent to minimise insect bites.
- Ball games, skateboarding, rollerblading, bicycles and skate-scooter are not allowed in Jacob Ballas Children's Garden.
- Take nothing but photographs, leave nothing but footprints. Plucking of any plants or any plant parts in the Gardens is not allowed.

What if I'm interested in a free-and-easy visit?

- For schools who wish to visit the Gardens on a free & easy basis, we encourage schools to submit an online application [here](#) to use the Gardens for organised or group activities. Submissions should be made at least 14 working days prior to your intended date of visit.
- Before embarking on a journey of self-discovery with your group, we encourage schools to download the relevant maps [here](#) to ease your planning and actual navigation on the day.
- For educators who wish to recce Jacob Ballas Children's Garden on their own, please download the application form [here](#) and email the completed form to the Visitor Services Branch at nparks_sbg_visitor_services@nparks.gov.sg at least 7 working days prior to the intended date of your recce.
- Please present your Educator Identification (e.g. staff card, business card) at the Information Counter of Jacob Ballas Children's Garden on the day of your recce.

Terms & Conditions

Information is accurate at the time of printing, but may be subject to change.


Slight variation to the content covered in each programme may occur due to class dynamics and environmental conditions.

All photos and images used are for illustration purposes only. They may not depict the actual product or materials used in the programme.

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