

THEME: Singapore A City In A Garden (1)**LESSON PLAN – DISCOVERY OF THE WORLD**

Topic: A City in a Garden

Learning Goals

Learning Area	Learning Goals	
Language & Literacy	Learning Goal 1	Listen for information and enjoyment
	Learning Goal 2	Speak to convey meaning and communicate with others
	Learning Goal 3	Read with understanding and enjoyment
Self & Social Awareness	Learning Goal 1	Develop an awareness of personal identity
	Learning Goal 2	Manage their own emotions and behaviours
	Learning Goal 3	Show respect and diversity
	Learning Goal 4	Communicate, interact and build relationships with others
Environmental Awareness	Learning Goal 1	Show an interest in the world they live in

Lesson Objectives

The children will be able to:

1. Respond and participate in discussions pertaining to the book 'An adventure in a City in a Garden'.
2. Share and describe the parks/nature reserves they can find in Singapore.
3. Learn to respect and care for biodiversity.
4. Work on an activity project at home together with their family about the plants or animals that they are interested in.

Dispositions

(P) - Perseverance

(R) - Reflectiveness

(A) - Appreciation

What to Prepare

- 'An adventure in a City in a Garden' by Hui Ling Chua, published by NParks
- NParks' 'Pecky the Pangolin Explores Singapore' CD
- Pictures of Singapore's Greenery

This lesson plan was developed by early childhood educators from PCF Sparkletots (Tampines Changkat) using the NParks' Pre-school Educational Resource Package on Singapore, a City in a Garden, and its Biodiversity.

- NParks' Picture Word Cards
- Stationeries
- Markers
- Drawing paper
- Butcher paper

Tuning In

1. Get the children to share if they had been to any gardens/parks/nature reserves in Singapore or to any green spaces around their neighbourhood.
2. Get them to share and describe what they know and like about the gardens/parks/nature reserves.

Some possible discussion questions:

- What are some of the garden/parks/nature reserves that you have visited?
- What can you see and hear there?
- How are the gardens/parks/nature reserves unique?

Lesson Development

1. Take out the book 'An adventure in a City in a Garden' and introduce the children to the title of the book, the illustrator and the author.
2. Talk about the illustrations on the cover page and ask the children to predict what the story is about.
3. Read the book 'An adventure in a City in a Garden' with fluency and expression.
4. Pause at several illustrations or passages to ask the children the following questions to stimulate their thinking and reasoning:
 - Why do you think these children look happy?
 - What do you think this animal is? How did these animals get their names (e.g. Brahminy Kite, Long-tailed Parakeet)?
 - Share some personal experiences that you've had with the animals or plants that you come across in the book.
 - If you see a plant or animal that you like in a park/garden/nature reserve, what should you do?
 - Can you share some of the good behaviour(s) displayed by the children in the book?

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5. Watch the 'Peeky the Pangolin explores Singapore's trees video and ask children some of these questions to stimulate their thinking:
 - What can we find and do at our gardens/parks/nature reserves?
 - Why are gardens/parks/nature reserves important for Singapore?
6. Get the children to share about the importance of gardens/parks/nature reserves in Singapore and how they can do their part in looking after and respecting Singapore's biodiversity.

Closure

1. Share the importance of plants in the survival of wild animals. Place the Picture Word Cards on the floor for children to look at and get them to name the cards after the teacher. Ask the children to pick one of the cards and name the animal or plant on the card that they picked. Teachers will then explain to the children a little more about the animal or plant using the fun facts provided at the back of the Picture Word Cards.
2. Explain to the children that they are to draw or paint the animal or plant that they have chosen with their family and do a short write-up about what new information they have learnt about the animal or plant.

THEME: Singapore A City In A Garden (Plants) (2)**LESSON PLAN – DISCOVERY OF THE WORLD**

Topic: A City in a Garden

Learning Goals

Learning Area	Learning Goals	
Language & Literacy	Learning Goal 1	Listen for information and enjoyment
	Learning Goal 2	Speak to convey meaning and communicate with others
	Learning Goal 3	Read with understanding and enjoyment
Self & Social Awareness	Learning Goal 1	Develop an awareness of personal identity
	Learning Goal 2	Manage their own emotions and behaviours
	Learning Goal 3	Show respect and diversity
	Learning Goal 4	Communicate, interact and build relationships with others
Environmental Awareness	Learning Goal 1	Show an interest in the world they live in

Lesson Objectives

The children will be able to:

1. Respond and participate in discussions pertaining to the book 'An adventure in a City in a Garden'.
2. Name and describe the plants found in the book.
3. Talk about the different parts of a plant (root, trunk, branch, leaf, flower)

Dispositions

(P) - Perseverance

(R) - Reflectiveness

(A) - Appreciation

What to Prepare

- 'An adventure in a City in a Garden' by Hui Ling Chua, published by NParks
- NParks' 'Peeky the Pangolin Explores Singapore' CD
- NParks' Flower and Fruits Posters
- Markers
- Drawing paper
- Butcher paper

Tuning In

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1. Get the children to share and describe some of the gardens/parks/nature reserves that they have been to in Singapore and get them to describe the differences between them. (e.g. butterfly park, Singapore Botanic Gardens)
2. Get the children to share what they can see, hear or smell when they visit a garden/park/nature reserve.

Lesson Development

1. Take out the big picture book 'An adventure in a City in a Garden' and introduce the children to the title of the book, the illustrator and the author.
2. Talk about the illustrations on the cover page and ask the children to recall what they learnt about the story in the previous lesson.
3. Read the book 'An Adventure in a City in a Garden' with fluency and expression. Pause at several illustrations or passages to ask the children the following questions to stimulate their thinking and responses.

- **Page 9:**

- Can you name the plants that you see on this page? (cattails and swamp ferns)
- What is unique about these plants? Do you know why cattails are named this way? (Talk about the appearance of the cattail-like head of flowers and its role.)
- Point out how the children in the book used their five senses when exploring nature.

- **Page 15:**

- Why are the children closing their eyes? Which senses are they using now? Which tree gave out a sweet smell? (Tembusu tree)
- Where can you find a picture of the Tembusu tree mentioned in the previous lesson?

4. The teacher places all the picture word cards and posters against the board.
5. Show the children the picture word cards of the trees and posters placed on the whiteboard.
6. Ask the children to identify and name the trees and other plants that they recognise then describe them to the children.
7. Let the children watch the video 'Peeky the Pangolin Explores Singapore's Trees'. Before watching, ask the following questions to stimulate responses from the children:

- Look outside of the window and spot something tall and green in colour. Can you describe it?
 - Ask the children to talk about the parts of the trees and plants and what they do.
 - What kind of trees do you like?
 - Besides our neighbourhood, where can you find lots of trees in Singapore?
 - How are trees important to animals and people?
8. After watching the video, ask the children these questions,
- Why did Peeky the pangolin say a tree is like an umbrella? Is it really an umbrella?
 - Which tree helps us when it is really windy? How? (Casuarina)
 - What is the name of the tree that can be found on the back of Singapore's \$5 note? What is the colour and size of its flowers? (Tembusu – small and white flowers)
 - Since trees are very important to us, how can we care for our trees in Singapore?

Closure

1. Give each child a piece of drawing paper.
2. Get the children to draw their favourite tree and help them label the parts of the tree.

THEME: Singapore A City In A Garden (Animals) (3)**LESSON PLAN – DISCOVERY OF THE WORLD**

Topic: A City in a Garden

Learning Goals

Learning Area	Learning Goals	
Language & Literacy	Learning Goal 1	Listen for information and enjoyment
	Learning Goal 2	Speak to convey meaning and communicate with others
	Learning Goal 3	Read with understanding and enjoyment
Self & Social Awareness	Learning Goal 1	Develop an awareness of personal identity
	Learning Goal 2	Manage their own emotions and behaviours
	Learning Goal 3	Show respect and diversity
	Learning Goal 4	Communicate, interact and build relationships with others
Environmental Awareness	Learning Goal 1	Show an interest in the world they live in

Lesson Objectives

The children will be able to:

1. Respond and participate in discussions pertaining to the book “An Adventure in a City in a Garden”.
2. Recall some of the plants and animals we have in our City in a Garden.
3. Discover the natural habitats of these wildlife.

Dispositions

(P) - Perseverance

(R) - Reflectiveness

(A) - Appreciation

What to Prepare

- ‘An Adventure in a City in a Garden’ book by Hui Ling Chua, published by NParks
- NParks’ Picture Word Cards
- NParks’ ‘Peeky the Pangolin Explores Singapore’ CD
- Video on Mangroves: <https://www.youtube.com/watch?v=f8NVSHNQHGo>
- Markers
- Crayons
- Colour pencils

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- Drawing paper
- Butcher paper

Tuning In

1. Watch video on mangrove swamps in Singapore.
<https://www.youtube.com/watch?v=f8NVSHNQHGo>
2. Get the children to talk about the types of animals that they can find mangroves (Malayan Water Monitor, Mudskipper)

Lesson Development

1. Take out the book 'An Adventure in a City in a Garden' and introduce the children to the title of the book, the illustrator and the author.
2. Talk about the illustrations on the cover page and ask the children to predict the habitat of those animals seen.
3. Read the book 'An Adventure in a City in a Garden' with fluency and expression.
4. Ask questions to stimulate thinking/reasoning and invite predictions of the events that follow:
 - I spot something with a big yellow bill with casque on top of it. What is it?
 - I hear something singing and chirping at a high pitch. What is it?
 - I smell something fragrant coming from a tall and green tree. Can you guess the name of the tree?
 - I see something long near the pond. What should we do?
5. Get the children to gather around and play the NParks video: 'Pecky the Pangolin Explores Singapore, a City in a Garden'. Before watching, ask the children some of these questions:
 - What kind of animals do you think you can see in the wild in Singapore?
 - What is the difference between wild animals and pets? Can you keep them?
 - Do you know why wild animals are found in the nature reserves?
6. After watching the video, you may wish to ask the children the following questions:
 - What can we do to ensure that wild animals can live safely and healthily in their natural habitat?
 - How long is the Malayan Water Monitor? What should you do when you encounter it outdoors?
 - What should we do when we see birds such as the Common Tailorbird and Oriental Pied Hornbill while on a walk through a park or places like Pulau Ubin and Sungei Buloh?

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- Why does the Little Egret have long, skinny legs?
7. Get the children to draw the natural habitat of the plants and animals shown in the video, story and picture word cards.

Closure

1. Get the children who brought their drawings or mini research to come up to the front to do a mini show-and-tell about the animals or plants they have chosen.
2. Get the class to guess the natural habitat of these animals.