

LET'S GO...

OBSERVE CHILDREN



What do you SEE?
(Actions, interactions, expressions)



What do you THINK?
(Abilities, interests, needs)



What does it make you WONDER?
(Experience, knowledge, what's next?)

UNLEASH OPPORTUNITIES FOR LEARNING

- **IN** the outdoors - using outdoors as a physical setting
- **ABOUT** the outdoors - finding out about the outdoors
- **THROUGH** the outdoors - supporting holistic growth

TRY!

- Start with simple activities
- Provide frequent outdoor experiences
- Facilitate rather than teach
- Show enjoyment of natural world
- Model care for environment

Adapted from: Wilson, Ruth A. (1996). Starting Early Environmental Education During the Early Childhood Years (ERIC Digest). Columbus, OH: ERIC Clearinghouse for Science, Mathematics and Environmental Education (ERIC Identifier ED 402147)



OUTDOOR LEARNING @SINGAPORE ZOO

USE THE 1-3-5
DESIGN-A-ZOO-
OUTING TOOL

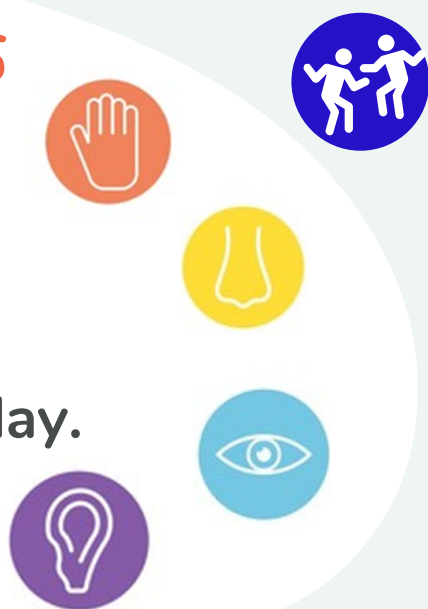
1 CHOOSE 1 THEME

Meat or Plant eater?
Body Patterns?
Types of Tails?
Ask your children
what excites them.



3 PLAY WITH 3 MODALITIES

Select 3 ways of
experiencing wildlife.
Touch can refer to animal
interaction or loose parts play.
Use all your other senses
or move along with
our animals.



5 FOCUS ON 5 EXHIBITS OR 5 ANIMALS

Younger children may
zoom in on 5 animals
in the same exhibit area.
Older children may venture
out to 5 different exhibits.

Plan to spend around
20 minutes at each stop.



THIS RESOURCE WAS PRESENTED AT A NAPTIME WEBINAR

ORGANISED BY

niec
NATIONAL INSTITUTE OF
EARLY CHILDHOOD DEVELOPMENT

SUPPORTED BY

Mandai
WILDLIFE GROUP

OUTDOOR LEARNING @SINGAPORE ZOO

MAKE & USE A
VIEWFINDER

GATHER LOOSE PARTS
FROM YOUR HOME OR
FROM NATURE

Get children to collect
recyclables & natural
materials such as fallen
twigs & leaves.



DIY
VIEWFINDER
RESOURCE



GET INSPIRED BY
ANIMALS & PLANTS

Assemble the materials
to make a viewfinder.
Try using any body part
of an animal to form
the frame of your viewfinder.

USE YOUR VIEWFINDER
INDOORS & OUTDOORS

Frame any detail of an animal
you spot outdoors to start a
conversation. You may also
use your viewfinder indoors
with any photograph or
while reading a picture book.



THIS RESOURCE WAS PRESENTED AT A NAPTIME WEBINAR

ORGANISED BY

niec
NATIONAL INSTITUTE OF
EARLY CHILDHOOD DEVELOPMENT

SUPPORTED BY

Mandai
WILDLIFE GROUP

OUTDOOR LEARNING @SINGAPORE ZOO

ONLINE RESOURCES

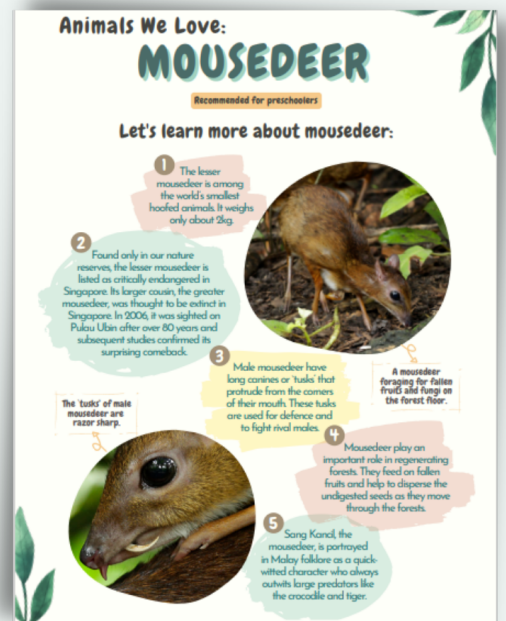
AUDIO-VISUAL RESOURCES



Audio Books: https://bit.ly/MANDAI_Books

Animal videos: https://bit.ly/MANDAI_FB

EDUCATORS' ACTIVITY GUIDES



<https://bit.ly/EduActy>

VIRTUAL PRESCHOOL SHOWS



Live streamed & recorded shows

<https://bit.ly/RangerBuddy>

THIS RESOURCE WAS PRESENTED AT A NAPTIME WEBINAR

ORGANISED BY

niec
NATIONAL INSTITUTE OF
EARLY CHILDHOOD DEVELOPMENT

SUPPORTED BY

Mandai
WILDLIFE GROUP