

Suggested Activities

Duration	2 hours
Recommended for	Primary 3
Subject Links	Science
Related Topics	Living Things Animals, Plants and Fungi
Equipment/ Materials	Digital camera The book, "Our Fragile Rainforest", published by NParks

Pre-activity

Go through the pictures of flora and fauna in "Our Fragile Rainforest" as a class on the visualiser, showing the students the rich biodiversity of **living things** found in our rainforest. Students can complete Worksheet 1 as the teacher introduces the different organisms in the book.

Activity

1. Bring students to the Central Nature Reserve (Bukit Timah Nature Reserve/ MacRitchie Reservoir) or the school garden.
2. Distribute Worksheet 2 to learn more about mushrooms, like the parts of a mushroom and the roles of mushrooms in the ecosystem.
3. Keep a lookout for mushrooms and study them closely. Draw or take pictures of these mushrooms.
4. Gather students to discuss the outcomes of the activity, and get them to identify some of the animals they had seen using the book, "Our Fragile Rainforest".
(Note: Forest animals are rather shy and you may not get to see many of them as they may be in hiding.)

Post-activity

When back in the classroom, use Worksheet 3 – Word Search to conclude the lesson.

Name: _____ () Class: _____ Date: _____

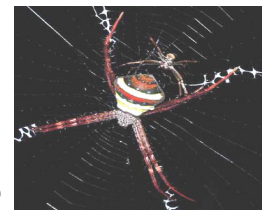
I spy with my little eyes, animals in our Rainforest!

Fill in the missing letters in the names of these animals.



Black-backed King _ _ _ _ _

This bird finds refuge within the forests where it hunts for fish, frogs, spiders and shrimp along forest streams.



Saint Andrew's Cr _ _ _ Spider

This spider gets its name from the way it holds its eight legs in pairs to form an X shape. The X is called the Saint Andrew's cross because it is believed that the saint was martyred on a cross of this shape rather than the conventional + shape.



Blue-s _ _ _ _ _ Flatwing

The wings of this dragonfly sparkle with blue and black spots. The larva of this genus and species has only been recently discovered.

Endemic C _ _ _

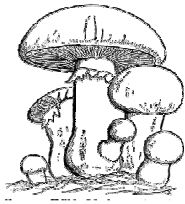


Since this crab spends most of its life underwater, it has internal gills for breathing. Excessive changes in water quality can be bad for the survival of this crab in the forest streams.



Wagler's P _ _ Viper

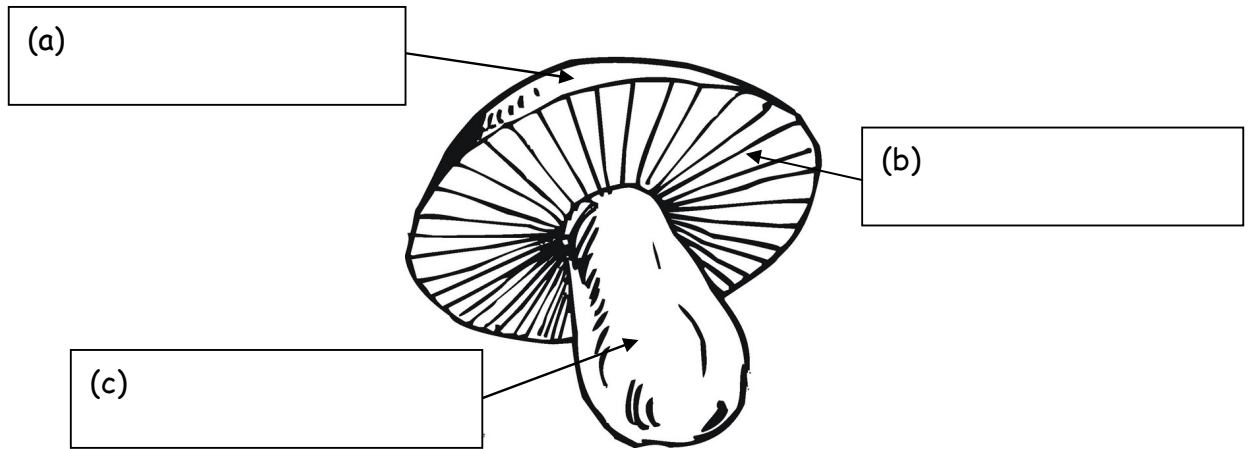
This arboreal snake is mostly green in colour so as to blend with the vegetation.



Mushrooms

Name: _____ () Class: _____ Date: _____

1. This is a mushroom. Label the 'cap', 'stalk' and 'gills' of the mushroom by filling up the correct boxes.



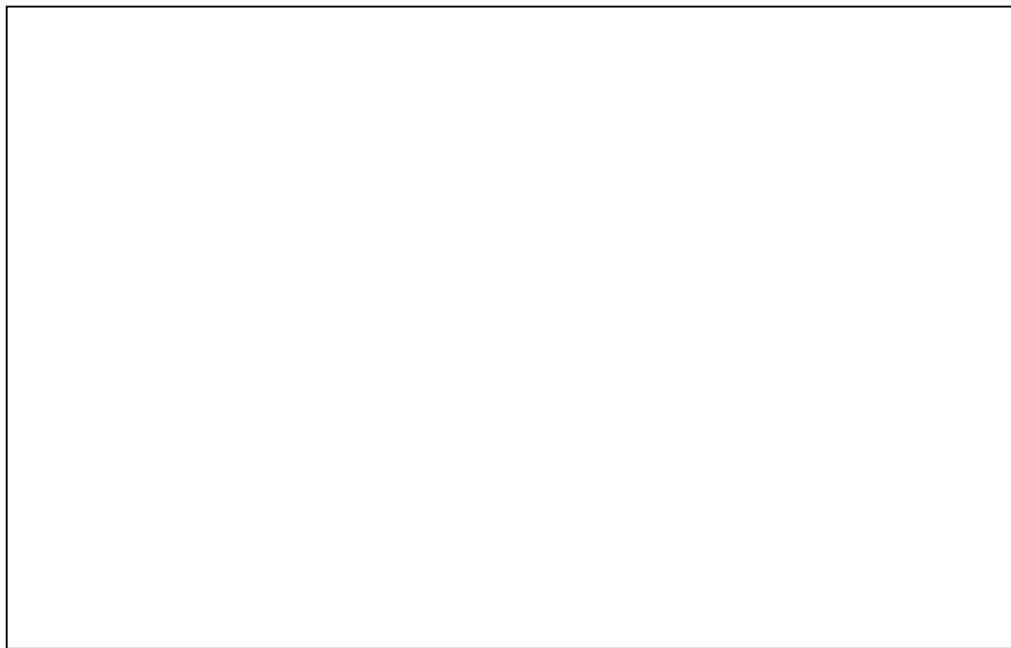
Use the helping words in the boxes provided to fill in the blanks from Questions 2 and 3.

break down	decomposition	fungi
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2. Mushrooms and toadstools belong to the _____
kingdom.

3. They have an important role to perform in the ecosystem - _____ . Without them, the ground will pile up with tons of dead leaves and branches every day. The job of the fungi is to _____ all of this valuable organic matter and unlock the nutrients so that they may be re-used by other living plants.

4. Visit a nature reserve or observe your school garden. Draw or take a picture of a toadstool or mushroom.



Name: _____ () Class: _____ Date: _____

Word Search

Find the animals in our rainforest

m t b c b d i t n a m
c o u a y o a b y r o
i r t p a n g o l i n
c n t h r o b n f s k
a t e r r a p i n d e
d d r f r s c a o r y
a d f c b o k r g e m
p y l f l e s m a d t
e b y u d b e l r i a
i g g l i z a r d p r
f o e f s n d t d s f

frog
terrapiin
lizard
snake
bat
monkey
colugo
pangolin
spider
crab
damselfly
dragonfly
mantid
cicada
moth
ant
bee
butterfly

