

INCLUDES GOOGLE™ SLIDES

RAINFOREST BIOME



TRIVIA QUESTION

Which of these animals does **NOT** ever live in the rainforest?

camel blue macaw capybara elephant

GRADES

3-6

For libraries and classrooms



TWO-PART LESSON

THE AMAZON RAINFOREST

The Amazon Rainforest is the largest and most famous rainforest in the world.



The Amazon covers a huge portion of South America. It crosses several territories and countries. The rainforest is

CONGO RIVER BASIN

The second-largest rainforest is in Africa. The rainforest system is around the Congo River.



The Congo River Basin Rainforest spans six countries in West and Central Africa.

The Congo River Basin is home to gorillas, forest elephants, okapi, bonobos, antelope, flamingos, cuckoos, and much more.

This lesson is designed for school librarians, but it also works well as a classroom lesson on rainforests.

Each part takes about 25 minutes and can easily be reduced or split into two lessons.

ON THE SPECIALS ROTATION?

Teaching the same lesson, the same way, 20 times each week?

There is a ton of content here, so you don't need to use every slide with every grade level.

No more teaching the exact same lesson all week!

EARTH'S RAINFORESTS

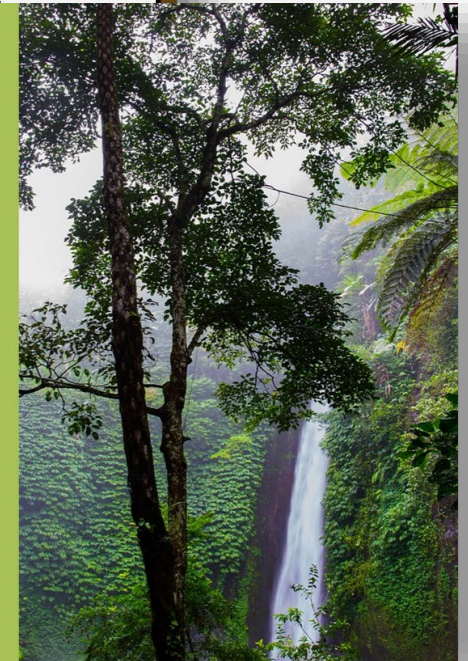


A rainforest is a dense forest that gets lots of rainfall.

The vegetation (plants) grows very well in rainforests

WHAT MAKES A RAINFOREST?

- lots of rainfall
- Many rivers and streams
- Dense vegetation (plant life)
- Lots of different plant and animal species (biodiversity)
- Rich soil
- Consistent temperatures year-round
- High humidity



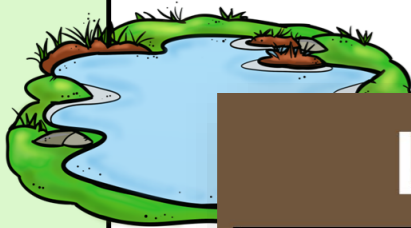
PART I – WHOLE CLASS LESSON

WHAT IS A BIOME?

A biome is a big community where lots of plants and animals live together.

Biomes have different weather and climates.

They can be water biomes, such as



pond b

Library Lesson—Rainforest, Biome

LUNGS OF THE WORLD

Rainforests are extremely important to the earth's climate!

The dense vegetation helps clean the air for the entire world.

This is why you might hear the rainforests called "the lungs of the world."



Tongass National Forest (Alaska, USA)

Library Lesson—Rainforest, Biome

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Part I includes guided discussion of:

- Biomes – what are they?
- Terrestrial and aquatic biomes
- the rainforest biome
- tropical vs. temperate rainforests
- rainforest characteristics

GUIDES YOUR LIBRARY TIME

CHECKING OUT BOOKS TODAY!

Not checking out today?

You can change this slide to "Browsing Books Today!" or "Let's practice turning pages!" or whatever you like.



A great template for directions for students

WHAT SHOULD WE DO NOW?

1



Find the library book or books that interest you.

2

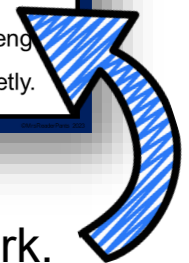


Bring your books to the librarian for checkout.

3



Work on the scaveng hunt or read quietly.



This slide is fully-editable, including the artwork.

The presentation guides library time from start to finish! Includes recommended online video links, reminder slides, and a "What Should We Do Now?" slide. All editable!

PART II – SCROLLING SLIDES

WOULD YOU RATHER...?



sleep 15 hours a day like a sloth

OR

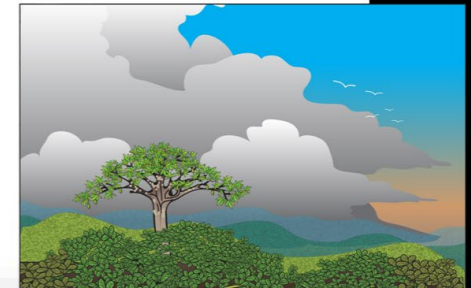


Turn your head 180 degrees
like a pink river dolphin

FOUR RAINFOREST LAYERS

Rainforests have four layers:

- Emergent
- Canopy
- Understory
- Forest floor

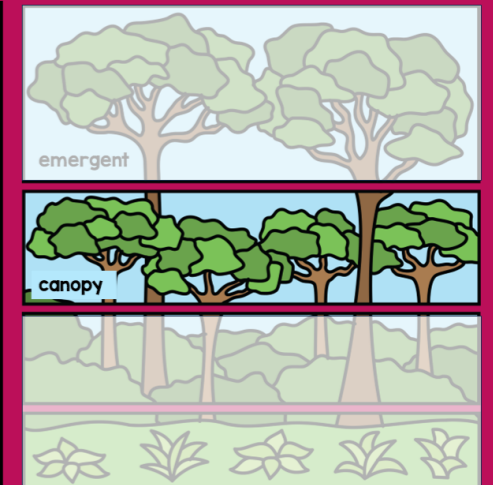


CANOPY LAYER

The canopy layer is below the emergent layer.
The canopy is full of thick vegetation
that forms a "roof" over the two layers below.

This is a very wet layer. This can be
too much water for some trees!

Canopy trees often have glossy,
pointed leaves that repel water.



Part II includes additional facts about rainforests, rainforest layers, plants and animals, idioms, would you rather, trivia questions, vocabulary words, and more!

SCROLLING SLIDES

More examples of Part
II—Scrolling Slides

WOULD YOU RATHER...?



eat a Rafflesia flower

DID YOU CHOOSE WISELY?

If you chose the Rafflesia flower...



The Rafflesia
Thailand. The
rotting meat

It is also b
propertie
able to

DID YOU CHOOSE WISELY?

If you chose the bullet ant sting...

Unfortunately, this was not a great choice.

Bullet ants live in the Amazon Rainforest.

Human victims rank their stings among the most painful stings of any animal in the world.

The pain can last for more than 24 hours.
A swarm of bullet ants could even kill a human.



DON'T HAVE POWERPOINT?



WORD OF THE WEEK

ecosystem

(noun)

A community of living organisms

Ecosystems include animals, plants, and microorganisms. They work together with the non-living environment (climate, soil, sunlight, water, etc.) in order to survive.

What living and non-living images do you see in the ecosystem?



Coastal redwoods in northern California

DID YOU KNOW...?

Some of the tallest trees in the world are rainforest trees!

Redwood trees are part of the temperate rainforests that spread across the US states of California, Oregon, and Washington.

The tallest living tree in the world is called *Hyperion*. It is a coastal redwood tree in Redwood National Park in northern California.

I've also included a
Google Slides version!

ALL TEXT IS EDITABLE

Editable (all text
and headers)

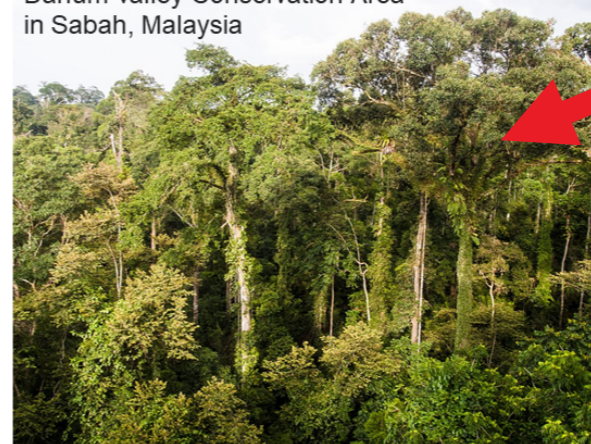
RAINFOREST IDIOM

“can’t see the forest for the trees”

This describes someone who focuses on small details instead of the big picture. They are focused on individual trees instead of the entire forest.

While reading my book, I kept focusing on one character’s name. I couldn’t see the forest for the trees!
Because I was so focused on how to say her name, I missed some of the story.

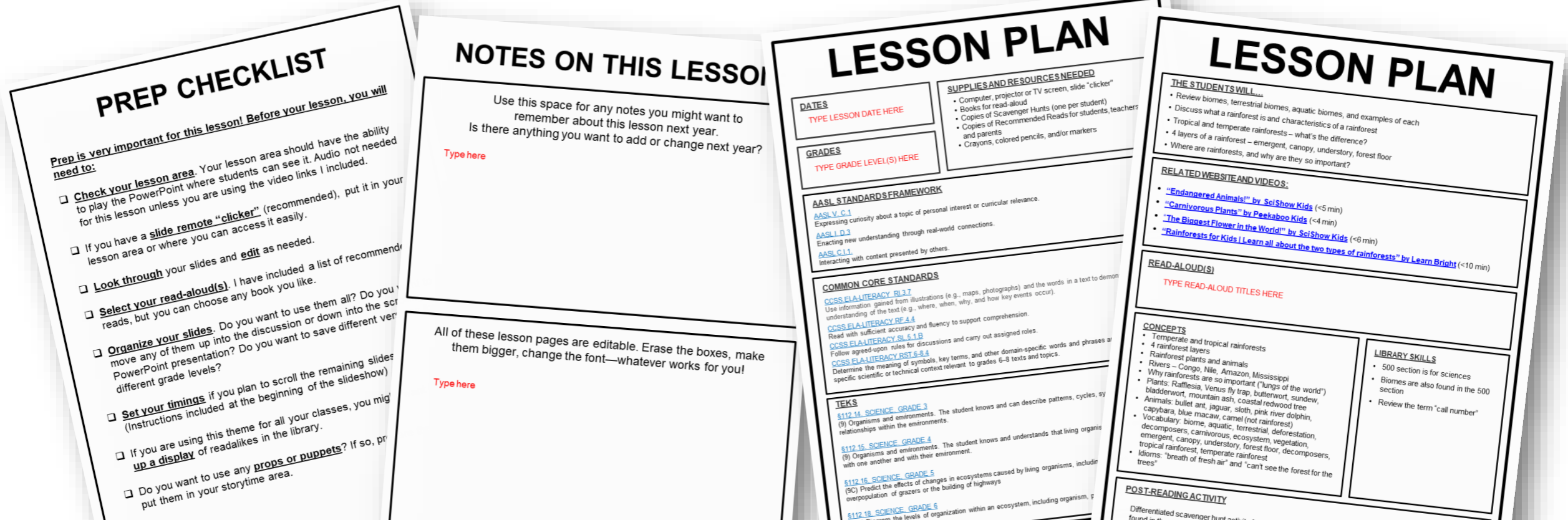
Danum Valley Conservation Area
in Sabah, Malaysia



Not editable
(images)

Artwork has been locked to protect copyright.

DETAILED LESSON PLAN



Includes a 100% editable lesson plan template, aligned to AASL, CCSS, and TEKS standards. Prep checklist and personal notes page are also included.

FOR PARENTS AND TEACHERS

Includes separate page (editable)
that lists 26 rainforest-themed book
recommendations for Grades 3-6.

Print and give out to students,
parents, and teachers.

RECOMMENDED READS

"Rainforest Biome"



PICTURE BOOKS

Stinkbird Has a Superpower (Esbaum)
9 Kilometers (Aguilera)
The Great Kapok Tree (Cherry)
The Shaman's Apprentice (Cherry)
Zonia's Rain Forest = Antamishite Zonia (Martinez-Neal)
Tuki and Moka: A Tale of Two Tamarins (Young)
Verdi (Cannon)

FICTION

The Explorer (Rundell)
The Amazon (Smith)
The One and Only Ivan (Applegate)
Mez's Magic (Schrefer)
Peter & Ernesto: A Tale of Two Sloths (Annable)



NONFICTION

One Tiny Treefrog: A Countdown to Survival (Piedra)
Forest Fighter: The Story of Chico Mendes (Ganeri)
Anteaters, Bats & Boas: The Amazon Rainforest from the Forest Floor to the Treetops (Munro)
Rain, Rain, Rain Forest (Guiberson)
Over and Under the Rainforest (Messner)
Orangutan Hats and Other Tools Animals Use (Haynes)
The Rainforest Grew All Around (Mitchell)
Lifesize Rainforest (Ganeri)
A Is for Anaconda (Fredericks)
Rainforest (Groves)
I See a Kookaburra! Discovering Animal Habitats Around the World (Jenkins)
All In a Rainforest Day (Sinisi)
The Leaf Detective: How Margaret Lowman Uncovered Secrets in the Rainforest (Lang)
Tree of Wonder: The Many Marvelous Lives of a Rainforest Tree (Messner)

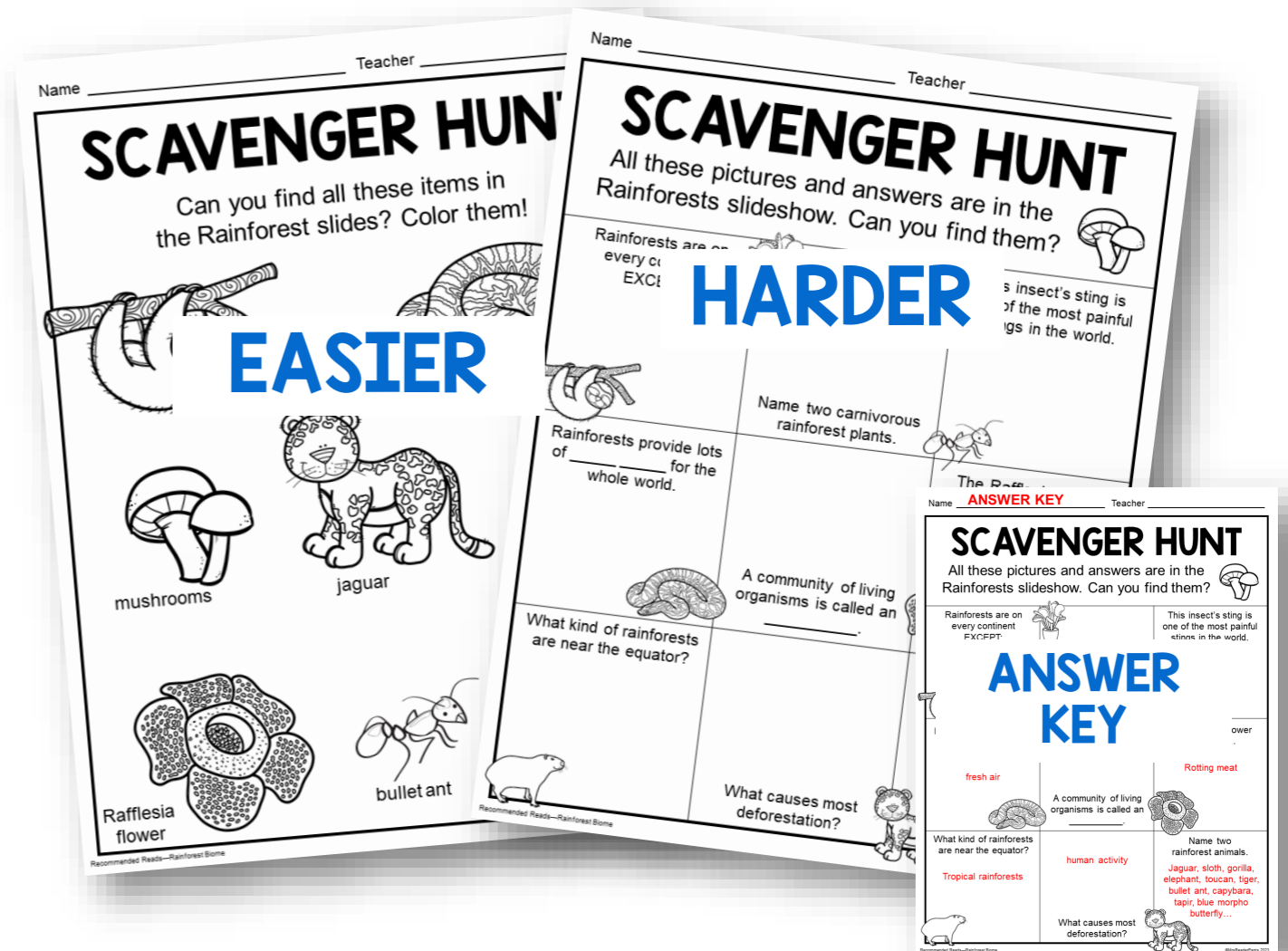
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PART II - SCAVENGER HUNTS

Students can work independently on the scavenger hunt activities while Part II scrolls on a screen.

All images and answers to the questions appear in Part II of the presentation.

Two differentiated versions!




MORE LESSONS LIKE THIS

Looking for more Library or Classroom Lessons? I've got over 100 lessons just like this one for topics including: [Greek mythology](#), [tall tales](#), [STEM topics](#), [English grammar](#), [World Geography](#), and seasonal topics like [Halloween](#), [Hispanic Heritage Month](#), [Lunar New Year](#), and much, much more!

INCLUDES GOOGLE™ SLIDES

ELEMENTARY LIBRARY LESSON




OCEANS IN TROUBLE

Our oceans are facing a difficult time right now. Problems like pollution, overfishing, and coral reef destruction cause our ocean plant and animal life to die. If our oceans are not healthy, our planet is not healthy.

RECOMMENDED READS
SCAVENGER HUNT


GRADES 3-6

"Ocean Biome"



INCLUDES GOOGLE™ SLIDES

ELEMENTARY LIBRARY LESSON




EARTH'S DESERTS

There are many deserts on earth. Some are very hot, and some are very cold. Can you name any deserts?

RECOMMENDED READS
SCAVENGER HUNT

GRADES 3-6

"Desert Biome"



PLAY IN GOOGLE™ SLIDES

INTERACTIVE VIRTUAL FIELD TRIP



LAKES FULL OF LAVA

There are over 1500 volcanoes on Earth. Of the 1500, only seven volcanoes are known to have lava lakes.

RECOMMENDED READS
SCAVENGER HUNT
ANTARCTICA BY THE NUMBERS


GRADES 3-5

"Antarctica"



INCLUDES GOOGLE™ SLIDES

ELEMENTARY LIBRARY LESSON



PICK A BRIDGE TO CROSS:

Rickety Rafts OR The Jaw-Bridge

RECOMMENDED READS
SCAVENGER HUNT

GRADES 2-5

"Bridges"

