

Rainforest Discovery

KS 1, 2, 3, 4. First, Second, Third, Fourth Stage. Ages 5 - 14.

Length: 55 minutes

Discover the Rainforest from the comfort of your classroom! Let ZooLab's intrepid Ranger take your pupils on an exciting journey through this important ecosystem. Learn about the layers of the rainforest while getting hands on with our animal team members - find out why this is an ideal habitat and who eats what. Discover everything you ever wanted to know about life in the steamy tropics and why they are coming under threat.

Key Workshop Objectives:

- Define tropical rainforest
- Determine the locations of tropical rainforests
- Explore the forest floor, under storey, canopy and emergent layer
- Discuss adaptations of rainforest animals
- Examine the reasons for deforestation

Animals often used in this workshop:

- Madagascan hissing cockroach
- Giant African train millipede
- Giant African land snail
- Stick insect
- Scorpion
- Tarantula
- Snake
- Tree frog
- Toad

Animal requests will be accommodated where possible. Unfortunately, we can't guarantee attendance.



ZOOLAB

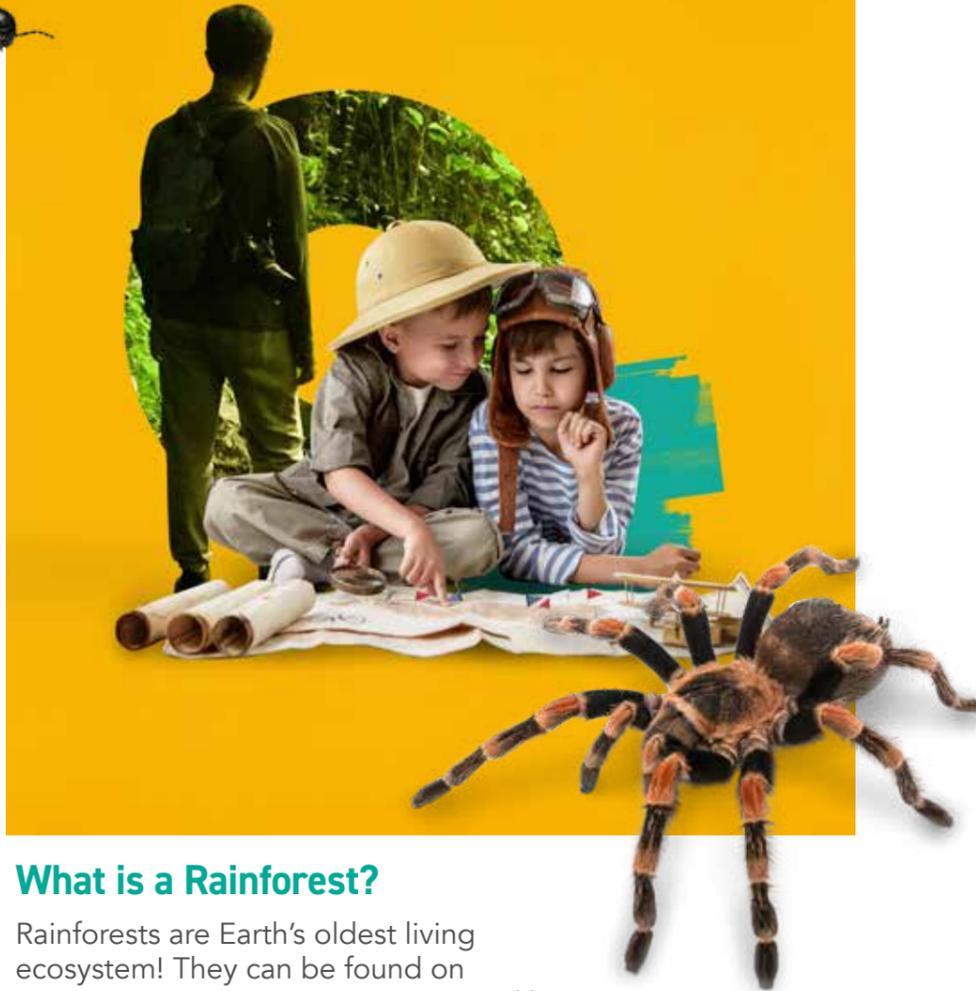
What is a Rainforest?

Rainforests are Earth's oldest living ecosystem! They can be found on every continent except Antarctica and have an annual rainfall greater than two meters.

There are two different types of rainforest - temperate and tropical. Tropical rainforests are found near the equator and have an average daily temperature of 28°C - the hot, humid atmosphere creates a unique ecosystem full of biodiversity.

Rainforests consist of four layers: the forest floor, understory, canopy and emergent layer.

Rainforests once covered 14% of Earth's surface but this has plummeted to 6% - it is estimated that we lose one and a half acres every second! With over half the planet's species residing here, it is vital that humanity protects this important resource.



Curriculum Outcomes Scotland

LITERACY AND ENGLISH

Listening & talking	Tools for listening and talking	LIT 0-02a, ENG 0-03a, LIT 1-02a, LIT 2-02a
	Finding and using information	LIT 0-04a, LIT 1-04a, LIT 2-04a
	Understanding, analysing and evaluating	LIT 0-07a / LIT 0-16a / ENG 0-17a, LIT 1-07a, LIT 1-08a, LIT 2-07a
	Creating texts	LIT 0-09a, LIT 0-10a, LIT 1-09a

EXPRESSIVE ARTS

Participation in performances & presentations	EXA 0-01a / EXA 1-01a / EXA 2-01a
--	-----------------------------------

MENTAL, EMOTIONAL, SOCIAL AND PHYSICAL WELLBEING

Participation in performances & presentations	EXA 0-01a / EXA 1-01a / EXA 2-01a
--	-----------------------------------

SCIENCES

Planet Earth	Biodiversity and interdependence	SCN 0-01a, SCN 1-01a, SCN 2-01a, SCN 1-02a
Topical science	Topical science	SCN 0-20a, SCN 1-20a

SOCIAL STUDIES

People, place and environment	SOC 0-08a, SOC 2-08a, SOC 3-08a, SOC 4-08a, SOC 3-10a, SOC 4-10a
--------------------------------------	--



Get in touch!

0845 330 6322

info@zoolabuk.com

Rainforest Discovery

KS 1, 2, 3, 4. First, Second, Third, Fourth Stage. Ages 5 - 14.

Length: 55 minutes

Discover the Rainforest from the comfort of your classroom! Let ZooLab's intrepid Ranger take your pupils on an exciting journey through this important ecosystem. Learn about the layers of the rainforest while getting hands on with our animal team members - find out why this is an ideal habitat and who eats what. Discover everything you ever wanted to know about life in the steamy tropics and why they are coming under threat.

Key Workshop Objectives:

- Define tropical rainforest
- Determine the locations of tropical rainforests
- Explore the forest floor, under storey, canopy and emergent layer
- Discuss adaptations of rainforest animals
- Examine the reasons for deforestation

Animals often used in this workshop:

- Madagascan hissing cockroach
- Giant African train millipede
- Giant African land snail
- Stick insect
- Scorpion
- Tarantula
- Snake
- Tree frog
- Toad

Animal requests will be accommodated where possible. Unfortunately, we can't guarantee attendance.



ZOOLAB

What is a Rainforest?

Rainforests are Earth's oldest living ecosystem! They can be found on every continent except Antarctica and have an annual rainfall greater than two meters.

There are two different types of rainforest - temperate and tropical. Tropical rainforests are found near the equator and have an average daily temperature of 28°C - the hot, humid atmosphere creates a unique ecosystem full of biodiversity.

Rainforests consist of four layers: the forest floor, understory, canopy and emergent layer.

Rainforests once covered 14% of Earth's surface but this has plummeted to 6% - it is estimated that we lose one and a half acres every second! With over half the planet's species residing here, it is vital that humanity protects this important resource.



Curriculum Outcomes England & Wales

ENGLISH

- | | |
|------------------------|--|
| Spoken language | <ul style="list-style-type: none"> • Listen and respond appropriately to adults and their peers • Ask relevant questions to extend their understanding and knowledge |
|------------------------|--|

SCIENCES

- | | |
|---|---|
| Working scientifically | <ul style="list-style-type: none"> • Asking simple questions and recognising that they can be answered in different ways • Identifying and classifying • Using their observations and ideas to suggest answers to questions • Asking relevant questions and using different types of scientific enquiries to answer them • Identifying differences, similarities or changes related to simple scientific ideas and processes |
| Animals, including humans | <ul style="list-style-type: none"> • Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals • Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other • Identify and name a variety of common animals that are carnivores, herbivores and omnivores • Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets) • Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) |
| Living things and their habitats | <ul style="list-style-type: none"> • Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other • Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. • Recognise that environments can change and that this can sometimes pose dangers to living things. |
| Plants | <ul style="list-style-type: none"> • Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. |



Get in touch!

0845 330 6322 info@zoolabuk.com