

## Rainforest Adventurer

**EYFS, KS 1. Early Years, First Stage.** Ages 3 - 7.

**Length:** 55mins

Go on an action-packed adventure through the rainforest layers with ZooLab's expert Ranger. Explore the layers to uncover a range of exotic critters - from stepping over snails on the forest floor to watching dancing stick insects in the understory, seeing how snakes climb and tarantulas jump out of burrows - you may even get to meet a canopy-dwelling tree frogs too. It's all part of an approach that combines storytelling and drama to bring the rainforest to life, help children discover biodiversity and to get a first hand look at how what happens in the rainforest can affect us all.

### Key Workshop Objectives:

- Define tropical rainforest
- Determine the locations of tropical rainforests in relation to the equator
- Explore the forest floor, understory, canopy and emergent layer
- Discuss adaptations of rainforest animals

### Animals often used in this workshop:

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

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



## 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.



**ZOOLAB**

## Curriculum Outcomes Scotland

### LITERACY AND ENGLISH

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

### EXPRESSIVE ARTS

<b>Participation in performances &amp; presentations</b>	EXA 0-01a / EXA 1-01a / EXA 2-01a
--	-----------------------------------

### HEALTH AND WELLBEING

<b>Physical education, physical activity and sport</b>	Movement skills, competencies and concepts	HWB 0-21a, HWB 0-22a
--	--	----------------------

### SCIENCES

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

### SOCIAL STUDIES

<b>People, place and environment</b>	SOC 0-08a
--------------------------------------	-----------



**Get in touch!**

**0845 330 6322**

**info@zoolabuk.com**

## Rainforest Adventurer

EYFS, KS 1. Early Years, First Stage. Ages 3 - 7.

Length: 55mins

Go on an action-packed adventure through the rainforest layers with ZooLab's expert Ranger. Explore the layers to uncover a range of exotic critters - from stepping over snails on the forest floor to watching dancing stick insects in the understory, seeing how snakes climb and tarantulas jump out of burrows - you may even get to meet a canopy-dwelling tree frogs too. It's all part of an approach that combines storytelling and drama to bring the rainforest to life, help children discover biodiversity and to get a first hand look at how what happens in the rainforest can affect us all.

### Key Workshop Objectives:

- Define tropical rainforest
- Determine the locations of tropical rainforests in relation to the equator
- Explore the forest floor, understory, canopy and emergent layer
- Discuss adaptations of rainforest animals

### Animals often used in this workshop:

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

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



## 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.



ZOOLAB

## Curriculum Outcomes England & Wales

### ENGLISH

#### Spoken language

- Listen and respond appropriately to adults and their peers
- Ask relevant questions to extend their understanding and knowledge
- Participate in discussions, presentations, performances, role play, improvisations and debates

### SCIENCES

#### Working scientifically

- Asking simple questions and recognising that they can be answered in different ways
- Using their observations and ideas to suggest answers to questions
- Asking relevant questions and using different types of scientific enquiries to answer them

#### Animals, including humans

- 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
- Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)

### GEOGRAPHY

#### Human and physical geography

- Identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles



Get in touch!

0845 330 6322

info@zoolabuk.com