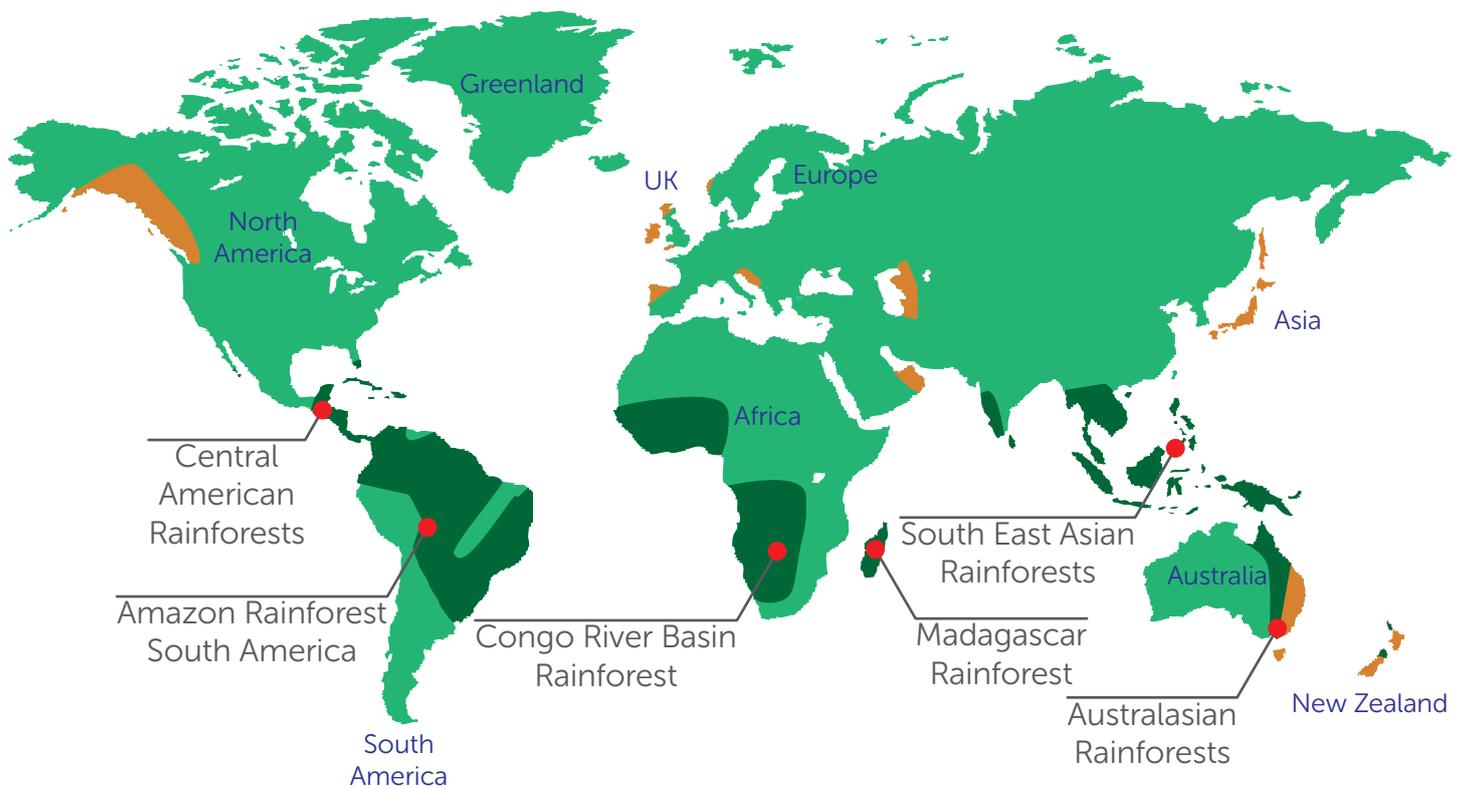


TEACHER RESOURCE PACK



RAINFORESTS OF THE WORLD

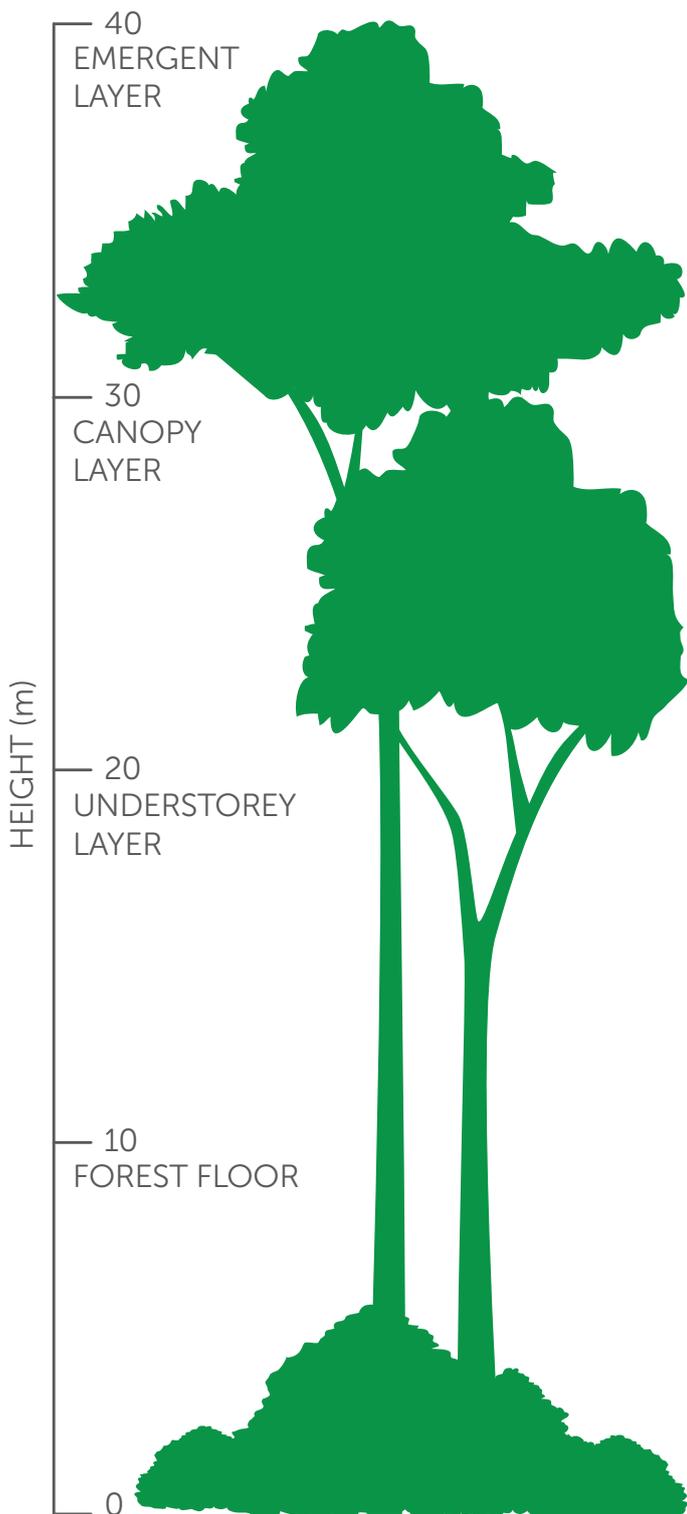


- Tropical Rainforests
- Temperate Rainforests

AMAZON RAINFOREST

IS THE WORLD'S LARGEST RAINFOREST AND IS LOCATED IN SOUTH AMERICA.

LAYERS OF THE RAINFORESTS



EMERGENT LAYER

The tallest trees of the rainforest are found in this layer and they get the most sunlight. They can be as tall as skyscrapers, with umbrella-like tree tops and have long, thin trunks.

CANOPY LAYER

This layer is the busiest part of the rainforest, where it is home to many different species of insects, birds, reptiles and mammals. Trees can grow as tall as 30m and form a green roof over the forest floor below - protecting the ground from sun and heavy rain.

UNDERSTOREY LAYER

A mixture of shrubs, young trees, palms and woody plants can be found in this hot and damp layer. Plants have large leaves that help absorb moisture and soak in as much sunlight as possible.

FOREST FLOOR

The forest floor is packed full of insect life and home to the biggest animals of the rainforest. Very little sunlight reaches here but it is very warm and humid. Due to the climate of the forest floor; fallen leaves, dead plants and animals rot very quickly.

LAYERS OF THE RAINFORESTS

PLANTS AT AMAZONIA

Amazonia is a temperature-controlled tropical house, where many different plants from tropical rainforests can be found growing here.

Amazonia provides an ideal habitat for these exotic plants, ranging from stunning blue passion flowers to brightly coloured bromeliads and even banana trees.

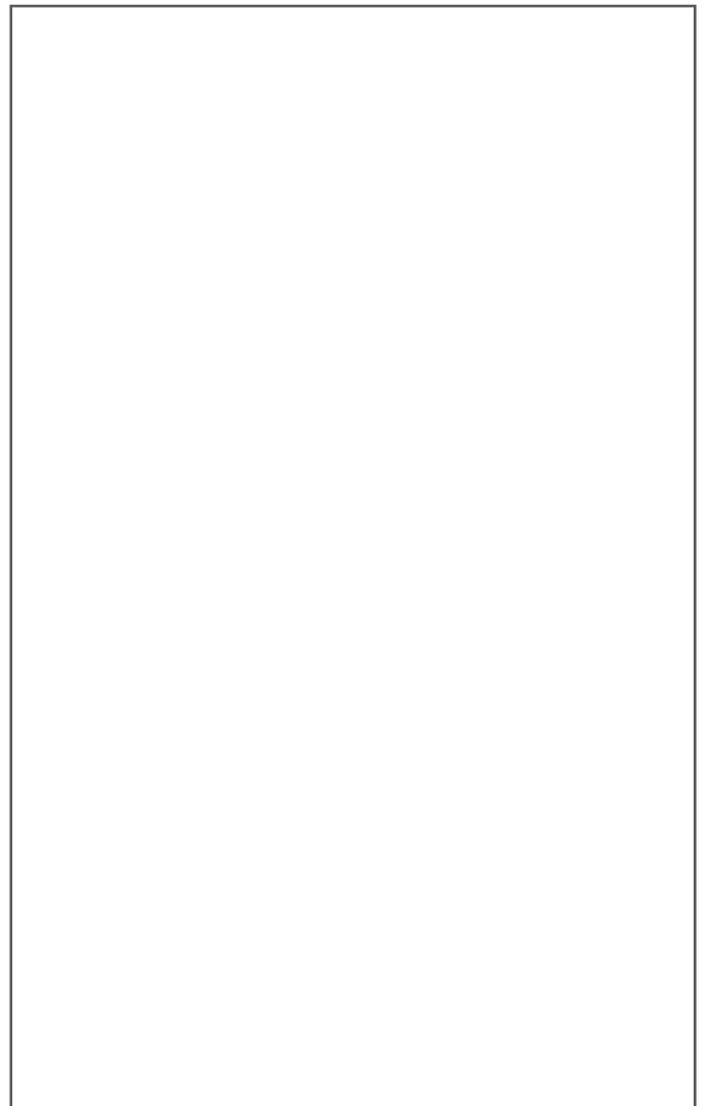
Tropical plants at Amazonia enrich the living experience of our animals as well as providing an educational insight for our visitors.

Other tropical plants that can be found at Amazonia include climbing seabean, Egyptian starcluster and tropical milkweed.



LEAF CUTTER ANTS

CAN BE FOUND SCAVENGING FOR ALL TYPES OF VEGETATION AT AMAZONIA. LOOK OUT FOR THEM ON THE ANT TRAIL!



MINI ACTIVITY: Encourage pupils and let them off on a mini exploration! Discover all the different plants that are in Amazonia.

Use the space above to sketch some of your findings.

ANIMALS OF THE RAINFOREST

ANIMALS OF THE RAINFOREST

Although rainforests only cover approximately 6% of the Earth's land surface, more than half of the world's animals live in rainforests. Animals of different colours, shapes and sizes can be found living in all four layers of the rainforest.

There is in fact, so many species of animals living in the rainforest; amphibians, birds, fish, invertebrates, mammals and reptiles - scientists have not been able to identify them all, especially invertebrates such as insects. It is believed that there are thousands of species of insects that are still to be discovered!

Here at Amazonia, you can find over 70 different species of animals. Marvel at our monkeys, parrots, snakes, frogs, tarantulas, butterflies and more! Enter the nocturnal area to see the bats, kinkajou, snakes and the amazing leaf cutter ants!



T O U C A N
T O U C A N

THE LOUDEST CREATURE IN THE AMAZON RAINFOREST. IT CAN BE HEARD FROM A DISTANCE OF HALF A MILE AWAY!

MINI ACTIVITY: Encourage pupils and let them off on a mini exploration! Discover all the different animals that live in Amazonia.

Use the space below to sketch some of your findings.

<p>Name: _____</p> <p>Species: _____</p>
--

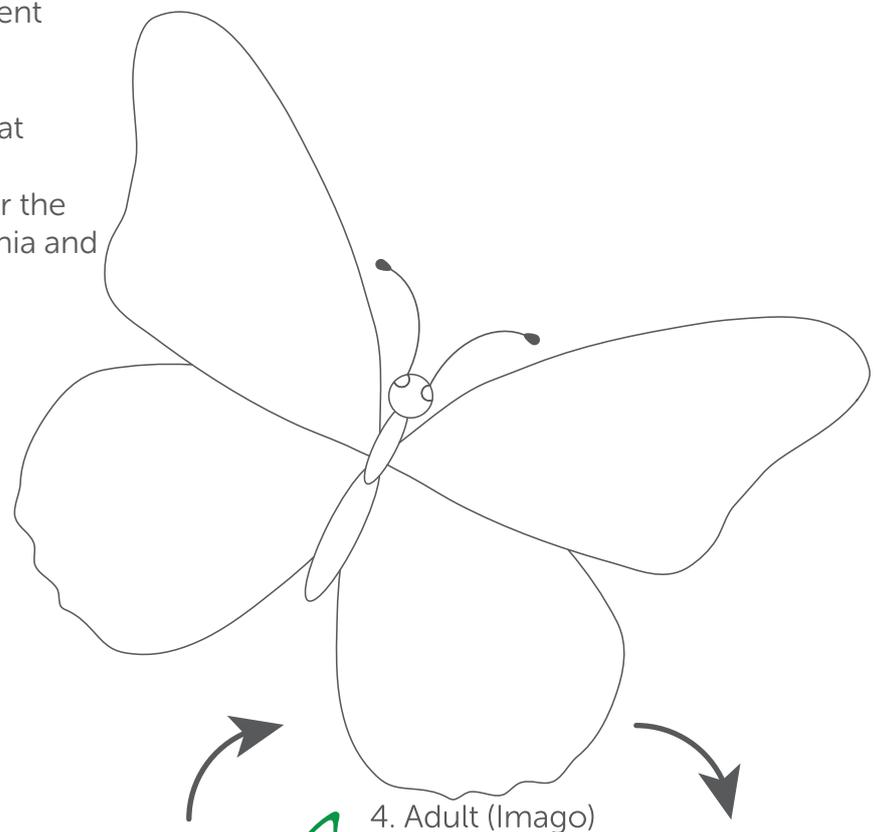
<p>Name: _____</p> <p>Species: _____</p>
--

BUTTERFLIES OF THE RAINFOREST

DESIGN A BUTTERFLY

MINI ACTIVITY: Encourage pupils and let their imagination go wild! Design a butterfly or use the blank on the right to study the different markings of butterflies.

Butterflies are fascinating creatures and at Amazonia there are many free ranging butterflies fluttering around. Look out for the different species of butterflies at Amazonia and marvel at their beautiful markings.



BUTTERFLY LIFE CYCLE

The butterfly life cycle has four stages: egg, caterpillar, pupa and adult (imago). Each stage of the cycle is very interesting!

At Amazonia you can learn about the fascinating life cycle of a butterfly and even see each stage - check out the butterfly breeding cabinet!

