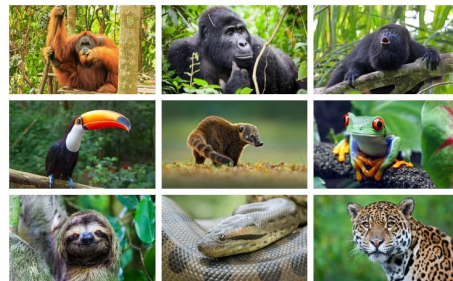
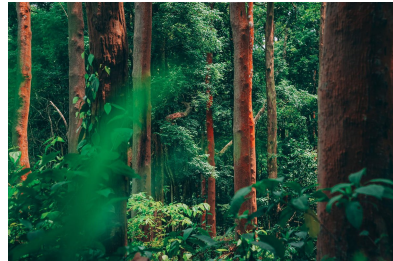


# Rainforest Knowledge Organiser – Year 5

## Sticky Knowledge

- ✓ The rain forests are all located near the equator in Africa, Asia, Australia and Central and South America.
- ✓ The most famous Rainforest is the Amazon Rainforest.
- ✓ There are 4 layers to the rainforest: emergent, canopy, understory and forest floor.
- ✓ Deforestation is when forests are cut down and the area is permanently cleared for another use.
- ✓ There are many endangered species in the rainforest. This means that they are very likely to become extinct.
- ✓ The extinction of a species is the death of all its remaining living members.
- ✓ Many ingredients found in medicines come from the plants found in the rainforests.
- ✓ Many tribes live in the rainforests, known as indigenous people. This means that they belong to the country in which they are found.

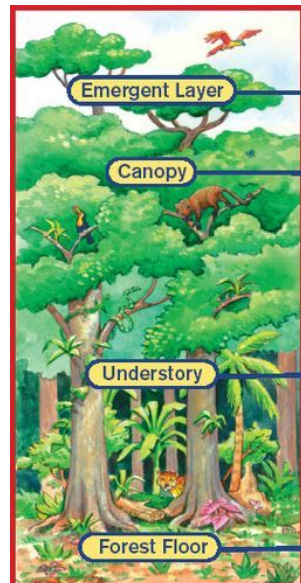
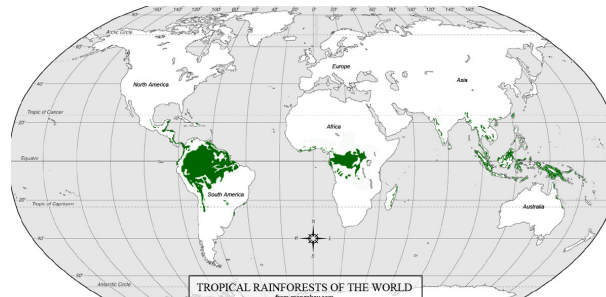
## Map of South America



## Big Idea

Rainforests are often called the lungs of the planet for their role in absorbing carbon dioxide, a greenhouse gas, and increasing local humidity. Rainforests also stabilize climate, house incredible amounts of plants and wildlife, and produce nourishing rainfall all around the planet.

## Key Studies



Birds, bats, and butterflies live in the tops of the tallest trees. That is called the **emergent layer**.

In the tops of the shorter trees, or **canopy**, you can find animals such as toucans and monkeys.

Snakes, red-eyed tree frogs, and other animals live in the **understory**, or lower branches.

Animals such as jaguars can be found on the dark **forest floor**.

## Vocabulary

**canopy:** The **canopy**, which may be over 30 m above the ground, is made up of the overlapping branches and leaves of rainforest trees.

**emergent layer:** The emergent layer is the name given to the tops of trees that poke up above the rainforest canopy.

**deforestation:** When forests are cut down and the area is permanently cleared for another use.

**endangered:** An endangered species is a species which has been categorized as very likely to become extinct.

**indigenous:** Indigenous people or things belong to the country in which they are found

**biomes:** Biomes are distinct biological communities that have formed in response to a shared physical climate.

**extinction:** The **extinction** of a species of animal or plant is the death of all its remaining living members.

**destruction:** The act of destroying something.

**biodiversity:** Variety of plant and animal life in a particular habitat, a high level of which is usually considered to be important and desirable.