



Y3 Knowledge Organiser South America -plants, places and people

Lines of Inquiry:

- What is climate? How does climate affect the way people and plants live?
- How do plants help our planet?
- What are the parts of a plant and what jobs do they do?
- How can I make a difference in shaping our world? (ARK)

Main Foci:

Science: **S** American animals
Parts & needs of plants
Geography: **S**outh America
Art: **S** American art
DT: Fish

What should I already know

- How to locate a country using an atlas
- Compass directions to support location and to navigate maps.
- Drawing basic maps (Y1) with symbols and a key to represent real-world objects (Y2)
- The names of key human and physical features (Y2).



Key facts

The world's rainforests: The Amazon (South America), The Congo (Africa), The Gunung Leuser (Asia), St Lucia (North America)

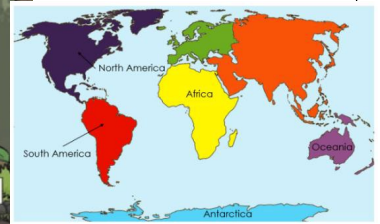
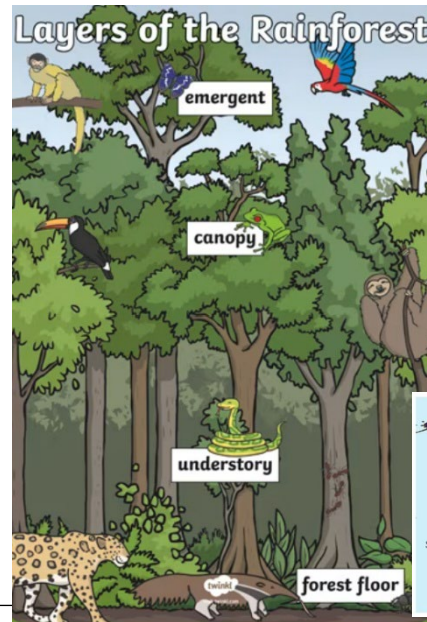
The 12 countries of S America: Argentina, Brazil, Bolivia, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela.

Key knowledge

Tropical rainforests are found north and south of the Equator between the Tropics of Cancer and Capricorn.

Rainforests are home to over half the species of plants and animals in the world and are a fantastic source of foods and medicines.

A rainforest has many layers of vegetation (plants) growing within it. All of these plants grow to different heights and create layers within the rainforest.



What will I Know by the end of the unit?

- What a rain forest is
- The different layers of a rain forest
- The features of a rainforest.
- The impact of deforestation.
- The location of S. America and its key features

What should I already know

- Identify plants and understand the key features of a plant's life cycle. (Y1)
- Identify and describe the basic structure of various common flowering plants including tree. (Y1)
- Describe how plants need water, light and a suitable temperature to grow and stay healthy. (Y2)

What will I Know by the end of the unit?

- Identify and describe the functions of different parts of flowering plants - [function Y3](#)
- Explore the requirements of plants for life and growth and how they vary from plant to plant - [function, form](#)
- Investigate the way in which water is transported within plants - [function, form](#)

Vocabulary- Geographical terms and processes

biodiversity	The number of different types of plants and animals found in a particular environment.
biome	A community of plants and animal that is suited to a particular climate land.
ecosystem	A community of plants and animals that affect each other and the area around them.
rainforests	Forests that are home to many different types of plants and animals. They are located close to the Equator in places with tropical climates which is wet and warm all year round.
equatorial	The hot wet climate in areas close to the Equator.
deforestation	The permanent removal or large-scale cutting down of trees and forests, usually carried out by humans.

