

Knowledge Organiser Geography Year 4 Autumn



St Elizabeth's Catholic Primary School
"Love one another as I have loved you"

Why are rainforests important to us?

Prior knowledge

- Knowledge of continents and countries
- Knowledge of hot and cold climates
- Knowledge of the location of equator

Geographical knowledge and skills covered in this topic

- Children will describe a biome and give an example.
- Children will be able to state the location and some key features of the Amazon rainforest.
- Children will name and describe the four layers of tropical rainforests.
- Children will understand that trees and plants adapt to living in the rainforest and give an example.
- Children will define the word indigenous and give an example of how indigenous peoples use the Amazon's resources.
- Children will name one way in which the Amazon is changing.
- Children will be able to articulate why the Amazon rainforest is important.
- Children will give an example of how humans are having a negative impact on the Amazon and an action that can be taken to help.
- Children will use a variety of data collection methods with support.
- Children will summarise how the local woodland is used and suggest changes to improve the area.

Key words

Biome: an area of the world with a similar climate and landscape, where similar plants and animals live

Emergent layer: the top layer of the rainforest with the tallest trees that get lots of sunlight, rain and wind

Canopy layer: the layer of overlapping branches and leaves below the top of the rainforest that gets sunlight, rain and wind

Understory layer: the warm and damp layer above the forest floor that gets little light

Forest floor: the ground layer of the rainforest where it is dark, wet and hot

Global warming: when our Earth's temperature rises because of greenhouse gases

Mining: the process of digging underground for precious metals and stones

Logging: the cutting down of trees for their wood

Deforestation: the cutting down of trees in a large area

Tropic of Cancer: a line of latitude north of the Equator that marks the northernmost edge of the Earth's hottest regions

Equator: an invisible horizontal line that splits the world into two hemispheres

