

# Geography Learning Organiser – Year 6 Autumn 1 – Is the Amazon the lungs of the world?

## Prior Learning (What we already know?)

- To explain how the physical geography of the oceans influence human activity (sustainable fishing)
- Explain the impact of human activity on ocean systems
- Explore the impact of natural disasters on communities, habitats and wildlife
- Explore the impact of micro plastics in the oceans
- To understand the role of the ocean in regard to transport, energy production and trade
- Use 4 and 6 figure grid references
- Describe key aspects of a coral reef

## New Learning

- Explain the impact of human activity on different ecosystems
- To explore weather patterns around the world and the effect these have on different ecosystems
- To identify climate zones around the world using lines of longitude
- Explore the impact of different climate zones and changes in climate to the local physical area and ecosystems
- Explore the key physical characteristics of a country relating to the location of rainforests including: climate zones, biomes
- To use six-figure grid references
- Examine the challenges in reducing climate change

## New Skills

- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- use the eight points of a compass, six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world

## Key Questions

Why is land becoming degraded?

Why do you think species are endangered/protected?

Do you have evidence of how we can protect biodiversity?

In your own words explain what an ecosystem is.

Analyse the challenges faced when reducing climate change.

## Key Facts

Forests cover 30% of the earth's land.

Agriculture is the leading cause of deforestation.

Palm oil is a very versatile ingredient and can be found in nearly everything! Indonesia is the largest producer of it in the world. But Indonesia's forests have been bulldozed, and replaced with hectares upon hectares of palm oil plantations.

Within 100 years, rainforests could be completely wiped out.

The rate of deforestation equalled to a loss of 30 football fields every minute in 2019.

Almost half of world's timber and up to 70% of paper is consumed by Europe, United States and Japan alone.

Globally, more than 1.6 billion people rely on forest resources for all or part of their livelihoods.

## Key Resources

<https://www.intelligentanddryers.com/blog/deforestation-facts-for-kids>

<https://www.nationalgeographic.com/environment/article/deforestation>

<https://www.theworldcounts.com/stories/deforestation-facts-for-kids>

## Can I do this.....?

I can explain how the Galapagos islands has a diverse range of animals.

I can explain how weather patterns in Galapagos are different to other parts of the world.

I can refer to lines of longitude and explain the relevance to climate.

I can describe how our changing climate might affect the local area

I can locate the rainforests inc. Amazon on globes, atlases, digital maps

I can use a 6 figure grid reference to locate places and geographical features.

I can appreciate the difficulties of reducing climate change

I can locate Borneo using globes, atlases, digital maps



## Vocabulary

biodiversity, ecosystems, human activity weather patterns  
climate zones, longitude, biomes, grid reference  
climate change