

## Medium Term Plan: Supporting Implementation of LTP/Progression Grid

Subject: Geography – The Amazon Rainforest

Year: LKS2 - Year B – Spring

NC/PoS:

### Locational knowledge

- locate the world's countries, using maps to focus on South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities
- identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

### Place knowledge

- understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within South America

### Human and physical geography

- describe and understand key aspects of:
- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

### Geographical skills and fieldwork

- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the wider world
- use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs

Prior Learning (what pupils already know and can do)

Know that Brazil is in South America. Know the key human and physical features of Brazil. Know the features of a river. Know that the Amazon river is the second longest river in the world and the longest in South America. Now the features of a rainforest biome.

End Points (what pupils MUST know and remember)

Know and understand the location and features of tropical rainforests.

Locate the Amazon rainforest on a map.

Know that the Amazon is the world's largest rainforest and most bio-divers place on Earth.

Know that over half of the Amazon rainforest is situated in Brazil.

Know that the Amazon river runs through the rainforest.

Know the geographical features of the Amazon rainforest.

Know that rainforests are a local and global resource.

Know the impact of deforestation.

Know ways in which rainforests can be protected.

Key Vocabulary

tropical, rainforest, basin, city, region, country, continent, climate, settlement, water cycle, indigenous, economic activity, agriculture, local, global, resources, oxygen, carbon, medicinal, employment, deforestation, greenhouse effect, climate change, carbon dioxide, afforestation, reforestation, reduce, reuse, recycle, consumption.

Session 1:

On which continents and in which countries are rainforests found?

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Look at the global distribution of rainforests. Use Google Earth, Digimaps, atlases and globe to discover the answer to the question. Zoom in on South America, Brazil and the Amazon basin to gain an aerial view of the extensive area of tropical rainforest.

Vocabulary: tropical, rainforest, basin,

Session 2:

Where is the Amazon rainforest?

Using Google Earth travel from Warrington Northwest England to Manaus (A city located on the Amazon river) in Amazonas, Brazil. Emphasis the cities, regions, countries and continents along the way.

Vocabulary: tropical, rainforest, city, region, country, continent.

Session 3:

What is the Amazon rainforest like?

Explore climate, weather, biome, vegetation, wildlife, water cycle, settlements and land use, indigenous people, economic activity, agriculture

Vocabulary: climate, settlement, water cycle, indigenous, economic activity, agriculture.

Session 4:

Why is the Amazon rainforest important locally and globally?

Local and global resource, global oxygen and carbon cycle, fresh water, medicinal plants, food, employment.

Vocabulary: local, global, resources, oxygen, carbon, medicinal, employment.

Session 5:

What is the impact of deforestation?

Explore the negative impact that deforestation may have locally and globally. Explore the greenhouse effect, climate change, carbon dioxide, impact on animals and wildlife.

Vocabulary: deforestation, greenhouse effect, climate change, carbon dioxide.

Session 6:

How could the rainforest be protected?

Possibility of afforestation and reforestation. Reduce, reuse and recycle - oil, gas, coal consumption, beef, paper,

Vocabulary: afforestation, reforestation, reduce, reuse, recycle, consumption

Future learning this content supports:

The content of this unit supports future learning on climate change, human geography and sustainability.