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| Topic: Rainforests | Strand: Human and Physical Geography |
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**What should I already know?**

- The seven continents and five oceans.
- The names of some key **rivers** around the world including the Thames and the Nile.
- The main **biomes** and **climate zones** around the world, including rainforests.
- The **climate** of South America and how it differs to the UK.
- Some of the human and physical features of Brazil.
- The **climate** of places is affected by their location (e.g. the **equator**, **Tropics**).
- The effects of **climate change** and **pollution** on the Earth

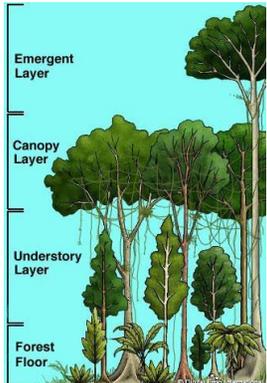
**Geographical Skills and Fieldwork**

- Use atlases, maps and aerial photographs to find **rainforests** and explain what the **climate** is like there. Explain why **rainforests** cannot be found in the UK.
- Label maps to show where **rainforests** can be located.
- Compare the average rainfall in different **climate zones**, including the **rainforest**, and draw a graph to represent this.
- Compare the sizes of different **rainforests** and represent them in a table.
- Explain how the **vegetation** and animal life changes in the different layers of the **rainforest**.
- Investigate the effects of **climate change** and **pollution** on **rainforests**. Use your knowledge to create a campaign to limit **pollution** and **deforestation**.
- Explain how **deforestation** can impact the Earth.
- Research **trade routes** from the UK, looking at key **exports** and **imports**.
- Investigate the **natural resources**, such as **palm oil**, that can be found in the **rainforest** and the role they play in **trade routes**.
- Describe the **fair trade** process for some products from the **rainforest**.
- Follow a product from the **rainforest** through the **global supply chain**.
- Explain **sustainability** and the role **rainforests** play.

**Vocabulary**

|                   |  |
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| biome             | a natural area of the living world which has its own <b>climate</b> , <b>vegetation</b> and animals  |
| climate           | the general weather conditions that are typical of a place   |
| climate change    | changes in the earth's <b>climate</b> , especially the gradual rise in temperature, as a result of human activity  |
| climate zone      | sections of the Earth that are divided according to the <b>climate</b> . There are three main <b>climate zones</b> ; <b>polar</b> , <b>temperate</b> and <b>tropical</b> .   |
| deforestation     | if an area is deforested, all the trees there are cut down   |
| distribution      | delivering goods to a number of places   |
| economy           | A country's <b>economy</b> is the wealth that it gets from business and industry   |
| equator           | an imaginary line around the middle of the Earth at an equal distance from the North Pole and the South Pole.  |
| export            | To <b>export</b> products or raw materials means to sell them to another country   |
| import            | To <b>import</b> products or raw materials means to buy them from another country for use in your own country  |
| global            | something that happens in all parts of the world or affects all parts of the world   |
| natural resources | the land, forests, energy sources and minerals existing naturally in a place that can be used by people  |
| palm oil          | a yellow oil which comes from the fruit of certain palm trees and is used in making soap and sometimes as a fat in cooking   |
| pollution         | the process of polluting water, air, or land, especially with poisonous chemicals  |
| supply chain      | the entire process of making and selling goods, including every stage from the supply of materials and the <b>manufacture</b> of the goods through to their <b>distribution</b> and sale   |
| sustainability    | to maintain at a steady level without exhausting <b>natural resources</b> or causing severe environmental damage   |
| trade             | the activity of buying, selling, or exchanging goods or services   |
| trade route       | a route, often covering long distances, that is used by traders  |
| tropics           | parts of the world that lie between two lines of latitude, the Tropic of Cancer, 23½° north of the equator, and the Tropic of Capricorn, 23½° south of the equator. The tropics have a humid <b>climate</b> , where the weather is hot and damp. |
| vegetation        | plants, trees and flowers  |

**Diagrams**



Where can **rainforests** be located?

