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|  | | **St Austin’s RC Primary School - Geography** | | |
| **Topic: Rainforests** | | **Phase: KS2** | **Strand: Human and Physical Geography** | |
| |  | | --- | | **What should I already know?** | | * The seven continents and five oceans**.** * That a biome is a natural area of vegetation and animals. * The areas in the world that contain rainforests. * The **climate** of places is affected by their location. * The effects of **climate change** and **pollution** on the Earth. | | | | | |  |  | | --- | --- | |  | **Vocabulary** | | biome | a natural area of the living world which has its own **climate,** **vegetation** and animals | | climate | the [general](https://www.collinsdictionary.com/dictionary/english/general) weather conditions that are typical of a place | | climate change | changes in the earth’s **climate**, especially the gradual rise in temperature, as a result of human activity | | climate zone | sections of the Earth that are divided according to the **climate**. There are three main **climate** zones; **polar**, temperate and **tropical**. | | deforestation | if an area is deforested, all the trees there are cut down | | equator | an [imaginary](https://www.collinsdictionary.com/dictionary/english/imaginary) [line](https://www.collinsdictionary.com/dictionary/english/line) around the [middle](https://www.collinsdictionary.com/dictionary/english/middle) of the Earth at an equal [distance](https://www.collinsdictionary.com/dictionary/english/distance) from the North Pole and the [South](https://www.collinsdictionary.com/dictionary/english/south) Pole. | | global | something that happens in all parts of the world or affects all parts of the world | | hemisphere | half of a sphere. The Northern Hemisphere is the top half of the globe and the Southern is the bottom half. | | 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](https://www.collinsdictionary.com/dictionary/english/especially) with poisonous [chemicals](https://www.collinsdictionary.com/dictionary/english/chemical) | | sustainability | to maintain at a steady level without exhausting **natural resources** or causing severe environmental damage | | tropics | parts of the world that [lie](https://www.collinsdictionary.com/dictionary/english/lie) between two lines of [latitude,](https://www.collinsdictionary.com/dictionary/english/latitude) the Tropic of [Cancer,](https://www.collinsdictionary.com/dictionary/english/cancer) 23½° north of the [equator,](https://www.collinsdictionary.com/dictionary/english/equator) and the Tropic of [Capricorn,](https://www.collinsdictionary.com/dictionary/english/capricorn) 23½° south of the equator.  The tropics have a humid **climate**, where the weather is hot and damp. | | vegetation | plants, trees and flowers | |  |  |   **Diagram –Rainforest Layers and Locations** | |
| |  | | --- | | **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. * Describe the key aspects of a tropical climate. * Explain the position and significance of the Equator and the Northern/Southern Hemispheres. * 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.** * Explain how **deforestation** can impact the Earth. * Investigate the **natural resources**, such as **palm oil**,that can be found in the **rainforest**. * Describe the **fair trade** process for some products from the **rainforest.** |  * Gorillas * Chimpanzees * Jaguars * Orangutans * Toucans * Poison dart frogs * Golden lion tamarins   **Endangered Animals of the Rainforests** | | | |
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