

Y6 Sum 1 – Darwin's Delight - Geography

Vocabulary

Word	Definition
biomes	are distinct biological communities that have formed in response to a shared physical climate
vegetation	Is a group of plant species and the ground cover they provide
continents	is one of several very large landmasses.
biodiversity	Is the variety of plant and animal life in the world or in a particular habitat, a high level of which is usually considered to be important and desirable.
equator	a line drawn on the earth from the poles, dividing the earth into northern and southern hemispheres
hemisphere	a half of the earth, usually as divided into northern and southern halves by the equator, by an imaginary line passing through the poles.
cultivated	is the act of caring for or raising plants

Previous Knowledge

- KS1 you named and located the 7 continents and developed an understanding of the geographical similarities and differences
- In year 3 , Identify the position and significance of latitude and longitude
- In Year 4 , understand key aspects of biomes
- In Year 5, Use maps, atlases, globes and digital/computer mapping to locate countries .

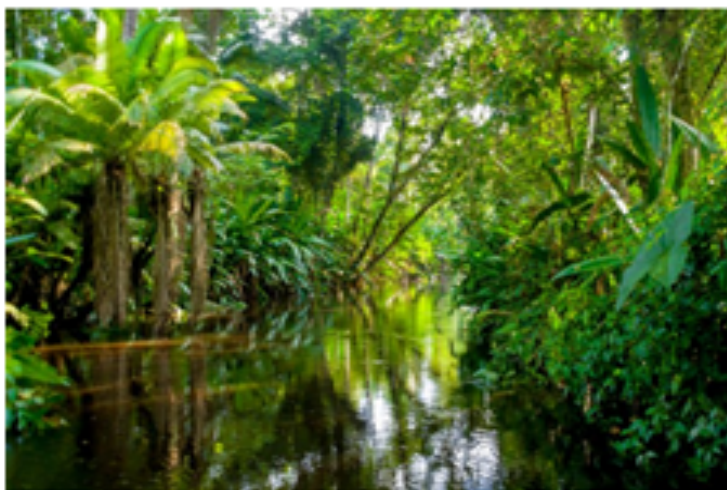
Key Facts

There are four main parts of a Rainforest. They are: **Emergent Layer** - very sunny because it is the very top. **Canopy Layer** - much of the rain is stopped by the thick foliage. Most trees in the forest grow to this height. **Understory Layer** - many vines, dense vegetation, not much light. **Forest Floor** - dark, damp, full of many dead leaves, twigs and dead plants.

The trees of a tropical rainforest are so densely packed that rain falling on the canopy can take as long as 10 minutes to reach the ground.

An area of a rainforest the size of a football field is being destroyed each second.

The reason it is called a "rain" forest is because of the high amount of rainfall it gets per year. Rainforests have an annual rainfall of at least 100 inches (254 centimetres) and often much more.



Key Facts

A typical four square mile patch of rainforest contains as many as 1,500 flowering plants, 750 species of trees, 400 species of birds and 150 species of butterflies.

As many as 30 million species of plants and animals live in tropical rainforests.

Rainforests cover only 6 %of the Earth's surface but yet they contain MORE THAN 1/2 of the world's plant and animal species!

Key Questions

What makes each biome different? What are the similarities and differences to the layers of the rainforest?

Why are there different layers to the rainforest? What does the

Spellings: emergent, canopy, equator, layers, species, hemisphere, tropical, vegetation, cultivated