



Memory Geogger

Define indigenous people

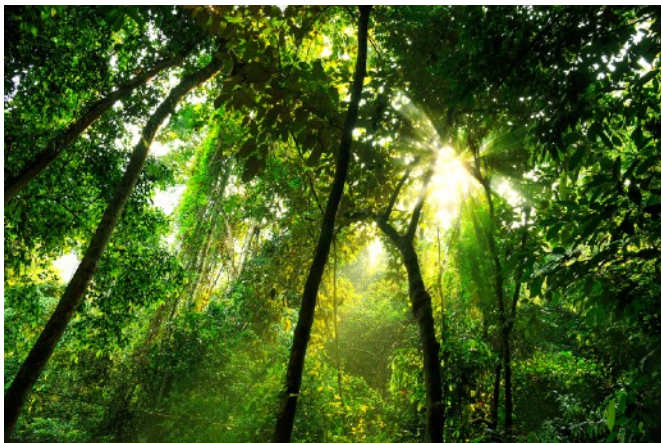
Give 4 causes of deforestation in the tropical rainforest

Annotate the image below to show the main stores and flows in the nutrient cycle



Where is deforestation occurring within the Amazon rainforest?

Using the image below explain how vegetation in the rainforest has adapted to the climate



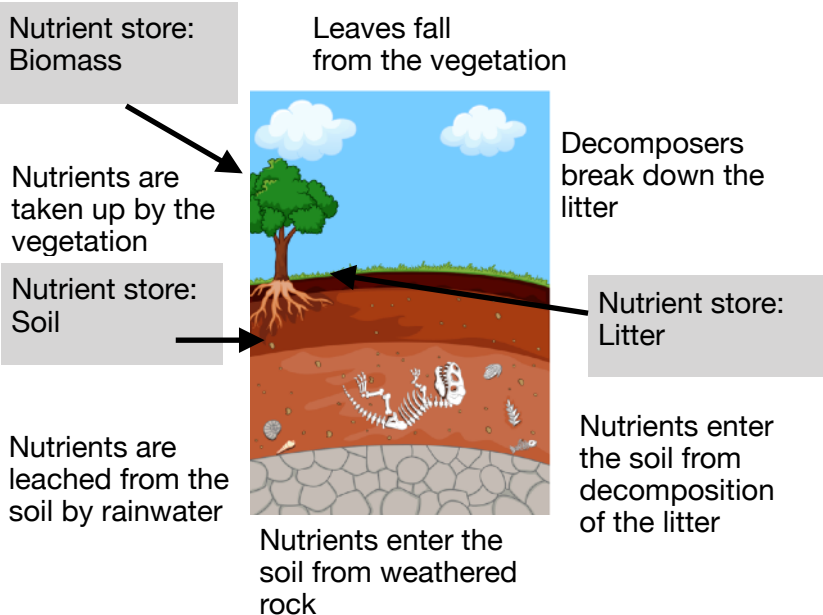


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Define indigenous people

Indigenous people are ethnic groups who are the original people living in an area. For example, Amazonian Indians were the first inhabitants of the rainforest. An example is the Kayapo tribe.

Annotate the image below to show the main stores and flows in the nutrient cycle



Give 4 causes of deforestation

- logging
- mining / mineral extraction
- transportation
- subsistence farming
- commercial farming
- cattle ranching
- settlement development
- energy development (HEP)

Where is deforestation occurring within the Amazon rainforest?

Deforestation in the Amazon is mainly occurring to the south and east of the forest in Brazil. Deforestation was mainly happening along the edge of the rainforest before 1998. Since then more deforestation has occurred further in the forest. Deforestation mainly occurs along major transport routes such as the Trans Amazon Highway. It is also occurring close to large urban areas such as Belem.

Using the image below explain how vegetation in the rainforest has adapted to the climate

Trees in the canopy only have branches at their crown (where the most light reaches them), and plants in the under canopy have large leaves to absorb as much light as possible to support photosynthesis. Tree bark in the tropical rainforest is typically thin. This is because the temperature throughout the year is typically between 26-28°C. Therefore they do not need protecting from the cold. Many trees have smooth, thin bark as there is no need to protect the trunk from cold temperatures. The smooth surface also allows water to run off easily to the soil so the tree can absorb the water. Additionally, smooth trunks reduce the risk of epiphytes growing on tree as they have nothing to attach themselves to. This helps protect the tree from the risk of collapse under the weight of epiphytes. Lianas (vines) grow around trees as they climb to reach sunlight.