

Headline...

Opening paragraph

...



Write a newspaper headline for the photograph above. What would the opening line / paragraph of the article be?

Devastating Deforestation 2



To learn what the effects of deforestation are



Identify/Describe...what the problems of deforestation may be (3a-5b)

Describe/Explain/Analyse ... local and global effects of deforestation(4b-6a)

Trees take carbon dioxide out of the atmosphere and this helps reduce the causes Global Warming!

Soil becomes infertile once the trees are removed, so the land can no longer be used for farming.

Loss of food for local people who rely on the fruit and nuts to form their diet so without it they may go hungry.

Muddled up...

Here are some effects of deforestation...

Which one is the most serious? Why?

Rainforests provide nice shade for the local people when it is really hot - without it they may get ill.

When you remove trees the nutrient cycle is broken so the rainforest survival system will break down.

Local people need wood for cooking and building. The women have to walk further to get it when the trees are removed.

Indigenous people

We have been living here for centuries and we are being forced to move away from our home. Our cultures and languages have survived for centuries. However, with the increasing exploitation of rainforest resources, the very survival of indigenous forest peoples is under threat. Indigenous cultures are disappearing at a high rate. It has been estimated that 3,000 languages, (approximately half of the world's languages) will disappear in the next century. We know so much about how to look after the world's rainforests and the life-saving medicines that can be made from the rainforest.



Animals of the tropical rainforest

Of the estimated 30 million species, there is the fear that up to 50,000 species a year could become extinct through rainforest destruction. Endangered species include mountain gorillas, chimpanzees, bonobos, giant ant-eaters, hyacinth macaws, giant otters, the giant Amazon River turtle, the Philippine eagle and jaguar. Many species currently found in tropical rainforests have not yet been studied by scientists. Many of them are of medical, as well as of economic value to humankind.



The Effects of Deforestation
on the Amazon Rainforest

Activity: Look at the information blocks below. Shade the key with four different colours and then sort the information below into the correct four categories:

Key:

Why is deforestation happening?	Resources of the Amazon Rainforest	Local effects	Global effects
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One third of the world's trees still grow in the Amazon Rainforest.	Minerals provide the region with lots of natural resources including diamonds and gold.	The biggest natural resource is the land - it is being cleared so that settlements can be built.
Deforestation has a direct effect on global climates, contributing to the Greenhouse effect.	Deforestation has an impact on the world's oxygen supply, as one third is stored in the Rainforests.	Large multi-national companies use the land to run cattle farms, to sell beef to developed countries.
Timber, mainly hardwoods, is taken for markets in developed countries. This is a valuable source of income for Brazil.	A typical patch of Rainforest holds 1500 species of plant, 750 species of trees, 700 species of animals.	One quarter of the world's fresh water is stored in the Amazon Basin and this will be lost if we cut down the rainforest.
Some of the cattle ranchers and settlements have been abandoned, due to poor soil quality.	Reduction in the number of tribes people, a decrease by 96%. This is because land is taken away from them.	Soil becomes infertile (not as nutrient rich) as the canopy layer is removed and the rainfall can remove more of the soil.
As large areas of the Rainforest are cut down there is a loss in biodiversity.	There are 25 million landless people in Brazil - new land is needed for settlements.	The water here is used for Hydro-electric power, an important renewable resource.
To develop all of Brazil, the government has developed a series of roads into the Amazon Rainforest.	There is a growing need for land to be used for farming - cattle and agriculture.	The Rainforest is used as a world tourist site and is protected as a world heritage site.



As a pair read the statements in the packs and divide them into the following groups.

- Why deforestation is happening
- Resources of the Amazon Rainforest
- Local Effects
- Global Effects

What are the effects of deforestation?



Using the information from this lesson and last week write a letter to the Brazilian government saying what you think of deforestation.

Include the following

why the forest is being destroyed
the local effects of deforestation
the global effects of deforestation
what you think about deforestation