

Year 6 - Sustainability - Deforestation and Climate Change



What should I already know?

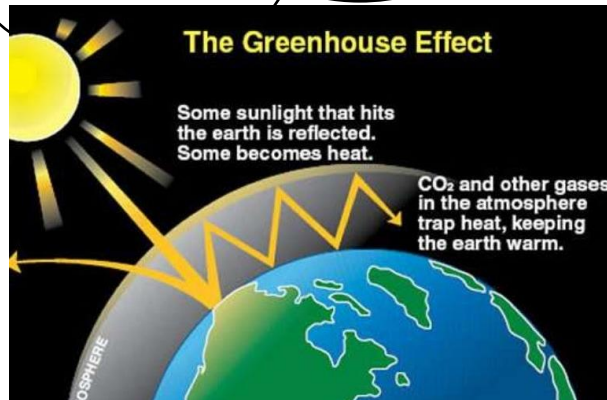
- Forests are home to humans and animals across the globe
- Trees are removed from forests in a process known as deforestation
- The process has consequences for humans, animals and our environment



It is estimated that 100,000 km² of forest is cut down every year by humans. This is often to make land for farming or palm oil plantations.

The carbon dioxide emissions from deforestation add to the 'greenhouse effect' and increase global warming.

- We will identify how our local woodland is used by nature
- We will understand the reasons behind deforestation and the impact on the planet
- We will write persuasive letters encouraging humans to end deforestation



Key Vocabulary and definitions

emission	The production of something, such as a gas.
conservation	The protection of things found in nature.
deforestation	The action of clearing a wide area of trees.
rainforest	A dense forest, rich in biodiversity with a hot and rainy climate.
palm oil	Oil from certain palms, used in the production of many foods and toiletries, such as chocolate and shampoos.
climate change	A long-term shift in weather and temperature.
global warming	A gradual increase in the Earth's temperature due to the greenhouse effect.
Greenhouse Effect	Gases in the atmosphere trap heat around the Earth, causing a warming effect.
Greenhouse gases	Heat-trapping gases, such as Methane and Carbon Dioxide.