

What should I already know?

- Children will know geographical vocabulary such as: equator, Tropic of Capricorn, Tropic of Cancer, Northern and Southern Hemispheres.
- Children will know about biomes and the types of biomes there are in the world and where they are located.
- Children will know about rainforests and how they help to absorb carbon dioxide. They will know about deforestation and the effect this has on climate change.

Geography skills and fieldwork

- Using maps of the local area and creating their own sketch maps.
- Fieldwork investigation – How clean is our area and what could be done to make it better?
- Interconnection – the effects of human geography (land use, economic activity, trade, distribution of natural resources) on the world's physical geography (biomes and local area)



What will I find out by the end of the unit?

Causes of climate change



Effects of climate change



Vocabulary

climate	pattern of weather over a period of time
greenhouse effect	the trapping of the sun's warmth in a planet's lower atmosphere
global warming	a gradual increase in the overall temperature of the earth's atmosphere generally attributed to the greenhouse effect
flood	an overflow of a large amount of water beyond its normal limits
drought	a prolonged period of abnormally low rainfall, leading to a shortage of water
heatwave	a prolonged period of abnormally hot weather
ice caps	a covering of ice over a large area, especially on the polar region of a planet
carbon footprint	the amount of carbon dioxide released into the atmosphere as a result of the activities of a particular individual
3Rs	reduce, reuse, recycle
rubbish hotspots	areas where there is a large amount of litter dropped
single use plastic	an item of plastic that is produced to only be used once and then recycled or thrown away.

