



What I Need to Know

- To understand that unreliability of rainfall can result in drought which causes crop failure and great poverty and hardship
- To understand that some people live very close to a flood plain and so are likely to lose belongings or worse when there is too much rainfall in that area
- To understand that global warming is causing the polar ice-caps to melt which results in less plants being able to grow and less fish able to survive in the polar regions
- To understand that burning fossil fuels results in more carbon dioxide in the atmosphere which is what is causing climate change
- To look at how countries are planning to address global warming and understand that there is still a lot more to be done

What Skills I Need to Learn

- To use maps, atlases and globes to locate countries and describe feature studied
- To name and locate counties and cities of the UK, geographical regions and their identifying human and physical characteristics, key topographical features and land-use patterns; and understand how some of these have changed over time
- To identify the position and significance of latitude, longitude, Arctic and Antarctic Circle, the Prime/ Greenwich Meridian and time zones
- To describe and understand key aspects of physical geography, including: climate zones, types of settlements and land use, economic activity including trade links, and food, minerals and water
- To use six-figure grid references, symbols and key to build knowledge of the UK

Key Vocabulary and Phrases

Carbon dioxide	A greenhouse gas that absorbs and radiates heat
Climate change	A change in the typical weather for a region over a long period of time
Conurbation	A large amount of people who live in one place
Drought	A prolonged period without rainfall
Dry Season	A period of low rainfall which occurs yearly in the tropics
Emissions	A gas which is sent out into the atmosphere
Flood plain	An area of land near water which gets covered in water when the river floods
Global warming	The long-term warming of the planet's overall temperature
Greenhouse gas	Gases in the earth's atmosphere which trap heat.
High tide	When the highest part of a wave reaches a certain height
Infrastructure	Facilities which support life, such as: water, food supplies and buildings
Northern Hemisphere	The area which contains North America, the northern part of South America, Europe, the northern two-thirds of Africa and most of Asia
Southern Hemisphere	The area which contains most of South America, one-third of Africa, Australia, Antarctica and some Asian islands
Settlement	A place of any size where people live
Wet season	The time of year when most of a region's average rainfall occurs (generally, this lasts at least a month).



Polar ice caps in Greenland are melting at a phenomenal rate

Concepts

Human and Physical
Geography
Locational Knowledge
Geographical Skills and
Fieldwork
Place Knowledge

