

# Year 5: Climate change

## Enquiry: How is climate change changing the world?

### What and where in the world?

#### Important hazards I will analyse



Wildfires



Tidal surges



Desertification

#### Important Ordnance Survey maps I will interpret



Starcross, Exe Estuary

#### Important places I will visit



Starcross, Exe Estuary, South West England



Victoria, Australia



Gambia

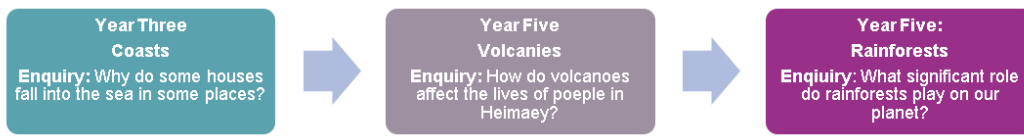


Greenland

### Geographical Concepts



### Geographical Connections – Linked prior learning



### Key Vocabulary

Word	Definition
<b>Global warming</b>	The increase in Earth's average temperature over a long period of time.
<b>Greenhouse effect</b>	The greenhouse effect is a process that occurs when gases in Earth's atmosphere trap the Sun's heat. This process makes Earth much warmer than it would be without an atmosphere.
<b>Climate change</b>	Climate change refers to the long-term changes in global temperatures. Climate has changed throughout Earth's long history, but this time it's different. Human activity is causing worldwide temperatures to rise higher and faster than any time we know of in the past.
<b>Climate footprint</b>	The amount of carbon dioxide released into the atmosphere as a result of the activities of an individual, organisation or community
<b>Sustainability</b>	Improving the quality of life of people without having a negative impact on the environment
<b>Renewable</b>	Energy from a source such as wind that is never used up
<b>Conservation</b>	The protection of environments to prevent their loss or destruction
<b>Atmosphere</b>	The layer of gas that surrounds the Earth, often called air
<b>Emission</b>	The release of something such as a gas
<b>Mitigation</b>	Reducing the serious effects of something
<b>Global warming</b>	The increase in Earth's average temperature over a long period of time
<b>Greenhouse effect</b>	The greenhouse effect is a process that occurs when gases in Earth's atmosphere trap the Sun's heat. This process makes Earth much warmer than it would be without an atmosphere. The greenhouse effect is one of the things that makes Earth a comfortable place to live.
<b>Climate change</b>	Climate change refers to the long-term changes in global temperatures. Climate has changed throughout Earth's long history, but this time it's different. Human activity is causing worldwide temperatures to rise higher and faster than any time we know of in the past.