



Overheating World: The Climate Crisis



Vocabulary

Key Questions:

Key Person: Greta Thunberg

Environmental activist
2003—present



"Act like you would in a crisis. I want you to act like your house is on fire, because it is."

What are the causes of climate change?

What effect is it having on our planet?

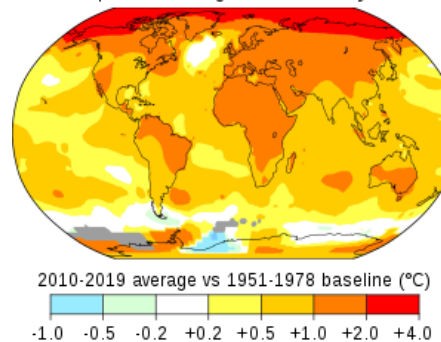
What can be done to reduce climate change?

Key Vocabulary	Definition
Global Warming	The observed rise in world temperature caused by the emission of harmful gases into the atmosphere
Fossil fuel	Natural fuels such as oil, coal and gas
Greenhouse effect	The trapping of heat in the Earth's atmosphere due to the release of gases like carbon dioxide and methane
Renewable energy	Energy that is not used up, such as solar (from the sun), wind and wave
Sustainable energy	Sources of energy that can be maintained indefinitely



Fieldwork

Temperature change in the last 50 years



Climate Change: Key Facts

Extreme weather events, such as severe droughts, storms and floods, are on the increase and linked to climate change.

Global warming has seen glaciers and ice caps melting at alarming rates.

Many animal habitats are threatened and coastal towns and cities settlements will be affected by future rises in sea level.

Indonesia is moving its capital city away from Jakarta as it is sinking into the water due to rising sea levels.

Some estimates put the loss of the world's rainforests at the equivalent of 30 football pitches per minute.

The 2015 Paris Agreement saw a number of powerful countries agree to curb carbon dioxide emissions to slow global warming.

Ways you can tackle climate change

Plant more trees

Trees absorb harmful CO₂

Recycle and reuse

This reduces waste and emissions

Walk or cycle

Healthier for you and the environment

Use less water and electricity

Switch off unnecessary lights and run the tap for less time

Shop local and in season

This reduces transport emissions, including air and shipping freight.

