

CLIMATE CHANGE KNOWLEDGE ORGANISER

KEY QUESTIONS

How has climate changed over time (including ice age)?	What are the human and physical causes of climate change?	What are the effects of climate change socially and environmentally?
Why do attitudes towards climate change vary?	What are the effects of climate change on farming and water supplies?	What are the global initiatives to reduce the impact of climate change?
How can climate change be reduced locally and nationally?		

KEY WORDS

Greenhouse Effect	The gases in the atmosphere act like a blanket around our planet, which traps in heat, making the temperature rise. This is called the Greenhouse Effect and is a natural process that keeps the planet warm and sustains life.
Climate Change	A significant change in any climate condition for which both natural and human affects could be the cause.
Fossil Fuels/ Non-renewable energy	Natural resources, such as coal, oil and natural gas, containing hydrocarbons. These fuels are formed in the Earth over millions of years and produce carbon dioxide when burnt.
Atmosphere	A layer of gases that surround the planet.
Greenhouse Gas	A gas, present in the atmosphere that reduces the loss of heat into space. E.g. Carbon Dioxide, Carbon Monoxide, Methane.
Carbon Footprint	The amount of carbon dioxide released into the atmosphere as a result of the activities of a particular individual, organization, or community.
Renewable Energy-	Renewable energy is energy that comes from naturally replenished resources, such as sunlight, wind, waves, and geothermal heat. They do not damage the environment as much as Non-Renewable energy resources.

DIAGRAMS

