

CLIMATE CHANGE KNOWLEDGE ORGANISER

KEY QUESTIONS

What is the difference between Climate Change and Global Warming?	How is Climate Change impacting different areas around the world?	What is renewable energy and how is it useful?
What are the human and physical causes of Climate Change?	How can we reduce the impacts of Climate Change?	How is deforestation impacting our climate today?
What are the social, economic and environmental effects of Climate Change?	What are the solutions to Climate Change on a local, national and global scale?	Processes to stop deforestation in Indonesia

KEY WORDS

Climate Change	A significant change in any climate condition for which both natural and human affects could be the cause.
Global Warming	An increase in average world temperatures due to an increase in the greenhouse effect.
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.
Fossil Fuels	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.
Carbon Emissions	Greenhouse gases added by the burning of fossil fuels.
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	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/MAPS

Global warming and the greenhouse effect

