

Terminology Challenge

Terms Matched with Examples

Terminology	Definition	Examples
Mitigation	Actions to reduce human emissions of greenhouse gases (GHGs) and to reduce their concentration in the atmosphere.	<ul style="list-style-type: none">• Reducing travel, particularly car journeys and flights• Insulating homes• Reducing meat consumption
Adaptation	The process of adjusting to current or expected climate change and its effects.	<ul style="list-style-type: none">• Building sea defences• Switching to drought resistant crops• Redesigning homes to keep them cooler
Carbon sequestration	The process of removing carbon from the atmosphere and storing it in a reservoir.	<ul style="list-style-type: none">• Planting forests• Changing farming practices to ensure soil can absorb and hold more carbon
Carbon Neutral (net zero carbon)	A state in which the greenhouse gases going into the atmosphere are balanced by removal out of the atmosphere.	<ul style="list-style-type: none">• The carbon emissions released through the generation of energy is balanced by the carbon absorbed by trees, the ocean etc.
Carbon sink	Any reservoir, natural or otherwise, that accumulates and stores carbon for an indefinite period.	<ul style="list-style-type: none">• Forests• Oceans• Soil• Peat bogs
Zero carbon	A product or service that creates no carbon emissions.	<ul style="list-style-type: none">• Renewable energy, e.g. wind and solar electricity generation