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Glue on this side

Earth's Atmosphere

1	I can state the proportions of main gases in the Earth's current atmosphere
2	I can describe the main changes in the atmosphere over time and some of the likely causes of these changes
3	I can describe the greenhouse effect
4	I can identify human activities that contribute to global climate change and possible impacts these will have.
5	I can name some common atmospheric pollutants and their impacts on the environment

	Keyword	Definition
1	atmosphere	the relatively thin layer of gases that surround planet Earth
2	carbon capture and storage	a technique that involves capturing carbon dioxide produced by burning fossil fuels and pumping it underground to be absorbed by porous rocks so that it is not released into the atmosphere
3	carbon footprint	the total amount of carbon dioxide and other greenhouse gases emitted over the full life cycle of a product, service or event
4	global dimming	a process that reduces the amount of sunlight reaching the Earth's surface. It is caused by particulates in the atmosphere reflecting light back into space before it can reach Earth
5	incomplete combustion	when a fuel burns in insufficient oxygen, producing carbon monoxide as a toxic product
6	nitrogen oxides	chemical compounds produced when high temperatures cause nitrogen gas in the air to react with oxygen. Nitrogen oxides are toxic and can cause acid rain
7	particulate	small solid particle given off from motor vehicles as a result of incomplete combustion of its fuel