



Sustainability glossary game

Natural resources

**Materials and substances
that are produced by nature
that can be used by humans
to support their daily lives.**





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Sustainability

Making decisions and doing things that will cause little or no damage to the environment whilst allowing people to use natural resources without them running out.





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Climate

The usual weather conditions found in a particular place over a long period of time. This can include temperature, rainfall and other weather conditions.





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Biodiversity

The biological diversity of life on Earth that makes up our natural world. Each organism and species is important, working together in ecosystems to maintain balance and support life.





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Climate change

Long-term and large scale changes to average weather and temperature patterns on a local, national and global level.





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Green energy

Energy which originates from natural resources such as wind, solar and hydropower. These replenish naturally without depleting the planet's resources and can be used indefinitely.





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Non-renewable

Natural resources that are in limited supply and cannot be replaced after they have been used. For example, fossil fuels such as coal, oil and gas.





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Carbon

A chemical element found in all living things. Its compounds form solids, liquids and gases. These carbon-based molecules are the basic building blocks of humans, animals, plants, trees and soils.

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Carbon

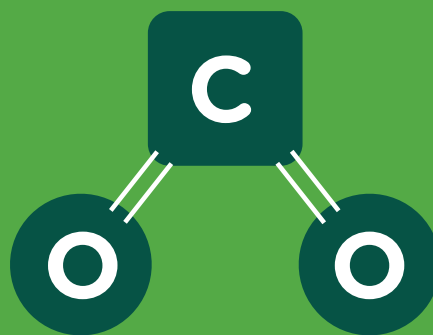
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Carbon dioxide

Carbon becomes carbon dioxide when each atom of carbon joins with two atoms of oxygen. It is a colourless, tasteless, odourless gas that is naturally present in the Earth's atmosphere and is produced by all living organisms.



CO₂



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**Carbon dioxide
emissions**

The release of carbon
dioxide into the earth's
atmosphere which
contributes to climate
change.





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Carbon footprint

A measurement of the amount of carbon dioxide that someone's activities produce.





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Carbon store

Something that absorbs more carbon dioxide emissions than it releases, storing them and preventing these gases from having an effect on the climate.





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Deforestation

The clearing or cutting down of forests resulting in a permanent loss of forest cover.





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**Prolonged period
of dry weather**

A shortage of water that can impact people and the environment. These occur when there is a lack of rainfall over an extended period of time, usually a season or more.





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Biodegrade

The ability of a material to decompose and degrade naturally over time in a way that is not harmful to the environment. Materials are dissolved by bacteria or consumed by microorganisms. This is an important process in ecology and waste management.





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The natural environment

A natural environment which consists of different ecosystems such as coastal and marine, forests, grasslands, peatlands and rivers in which living and non-living things exist on Earth.

