

Big words explained

Sustainability

Sustainability means taking care of our planet so it stays healthy and lasts a long time for everyone, now and in the future.

It's about using resources wisely, recycling, and making choices that protect nature, animals, and people. By doing this, we help ensure that both the Earth and its people can thrive for a long time.

Carbon Dioxide

Carbon Dioxide also known as CO₂. It is a chemical compound. It is made of one carbon and two oxygen atoms. People and animals release carbon dioxide when they breathe out.

Also, every time something organic is burnt (or a fire is made), it makes carbon dioxide. Plants use carbon dioxide to make food. This process is called photosynthesis. Plants then release oxygen into the air for animals to breathe in.

Electric

Electric means using power from electricity. It's like when you plug something in at home, like a phone, to charge it. The electricity from the socket gives it power to make it work.

Carbon Footprint

A **carbon footprint** is like the mark or footprint we leave behind when we use things like petrol or diesel cars, or gas for heating and cooking. It measures the amount of carbon dioxide released into the atmosphere as a result of the activities of a particular individual, organisation, or community.

This measurement helps us understand how much we are affecting the Earth's atmosphere and our overall impact on the environment.

Pollution

Pollution is when dirty stuff, like smoke or rubbish, gets into the air, water, or ground and makes it yucky or unsafe. It's like when you spill paint on your nice clean table.

Fumes

Fumes are the smelly or smoky stuff that comes out of things like car engines or stoves. They can contribute to pollution, make the air not smell nice, and sometimes be bad for the planet and for human health.

