

Key words you need to know to be Climate Smart!

Carbon Dioxide: A gas made from carbon and oxygen that is given off when fossil fuels are burned. For short, it is often called CO₂.

Carbon Emissions: Carbon dioxide that people release into the atmosphere by burning fossil fuels.

Carbon Footprint: A measure of the amount of carbon dioxide that a person or group of people emit by burning fossil fuels.

Carbon Neutral: Having no carbon footprint.

Climate: The average weather over time.

Climate Change: Any change in the climate, including rising temperatures due to global warming.

Deforestation: The removal of all trees in a forest without replanting.

Environment: What makes up an area, such as land, water, air, and living things.

Fossil Fuels: Fuels such as coal, oil and natural gas made from plant or animal remains formed ages ago in the Earth .

Global Warming: An increase in the Earth's average temperature that is caused by extra greenhouse gases in the atmosphere.

Greenhouse Effect: When greenhouse gases keep the Earth warm by trapping heat from the sun.

Greenhouse Gas: Any gas that traps heat in the atmosphere, such as carbon dioxide, methane, and water vapour.

Non-Renewable Energy: Energy resources that we have a limited supply of, such as fossil fuels, coal, oil, and natural gas.

Recycle: Collect, sort, and reprocess old materials so they can be used to make new things.

Renewable Energy: Energy resources that don't get used up, such as wind and solar power.

Solar Power: A renewable form of energy that is created from sunlight.