

Good To Be Green | Year 4

Key Vocabulary	
environment	Our planet provides everything that we and all living things need. We call it our environment .
climate	Climate is the average weather conditions over many years (usually around 30 years). The earth's climate is just right, meaning that things can live on the planet.
climate change	Climate change is a change in the overall weather and temperature on Earth. (Not the day-to-day weather). The Earth is getting warmer due to some of the things humans are doing. This means it will be more difficult for living things to survive.
atmosphere	The layer of gas surrounding the Earth.
greenhouse gas	Greenhouse gases are special types of gas in the atmosphere . They let sunlight through but stop heat from escaping, like a greenhouse, so the Earth warms up.

Key Knowledge			
Effects of climate change:			
 floods	 droughts	 storms	 melting sea ice





More Key Vocabulary: Upcycling, recycle, reduce, reuse, landfill, green

How can we reduce our carbon footprint?

What happens to materials that do not naturally decompose?

What is landfill?

Key Vocabulary	
energy	Energy makes everything work.
power	Electricity, gas and oil are all sources of power . They give us energy to make things work.
non-renewable	Non-renewable power sources such as coal, oil and gas can't be replaced once they have been used. Scientists think these are running out.
renewable	Renewable power sources can be replaced. This means they will never run out. Solar power , wind power , geothermal power , biomass and wave power are all renewable power sources.
endangered	Being endangered means that scientists think that a type of animal or plant is at risk of becoming extinct .
extinct	Extinct means that there are none of that type of animal or plant left alive.

Key Knowledge	
Renewable power sources	
	Wind turbines turn the energy from the wind into electricity.
	Solar panels turn the energy from sunshine into electricity.
	The energy from heat deep underground can be turned into electricity. This is geothermal energy .
	Biomass means 'natural material'. It is burned to create energy .

Why are the ice caps melting?

Name 3 ways which we can avoid contributing to the fast fashion industry.

Can you name a non-renewable power source?