

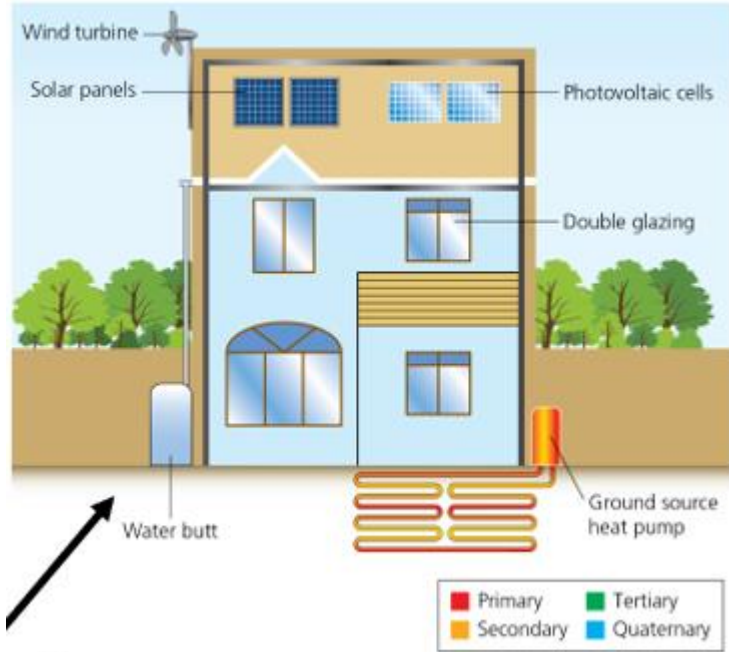
Year 6 - Geography

Together we flourish and grow.

Global warming and climate change

Are we damaging our world?

A diagram of house in the future. How sustainable is your house and school?



I need to know -

- There are many threats to our environment that are damaging it such as use of electricity and heat, transportation, manufacturing and agriculture.
- As a result of the damage, our glaciers are shrinking, sea levels are rising and animal species are becoming endangered.
- Minerals are substances mined from the Earth such as coal and iron which are used to produce energy.
- Fossil fuels are coal, gas, oil and nuclear energy.
- Renewable energy sources include wind and solar energy.
- Non-renewable resources include coal, gas, oil and nuclear energy.
- Our oceans are also being damaged through pollution, climate change, overfishing, extraction of oil and gas from the seabed, habitat destruction and the introduction of alien species
- There are ways in which we can preserve and conserve the environment.

Key Vocabulary

sustainability	Trying not to destroy and use all natural resources on the planet.	minerals	A substance obtained by mining
habitat destruction	Causing damage to the environment	renewable	Energy from a source that can be reused and does not run out
endangered	When a species is at risk of extinction	Non-renewable	A source of energy that cannot be reused
extinction	When a species, family or group of animals or plants do not exist anymore	Fossil fuels	Fuel such as coal or gas formed in the past.
conservation	Not wasting resources and protecting the environment	Marine	Found in the ocean.