

Key Vocabulary

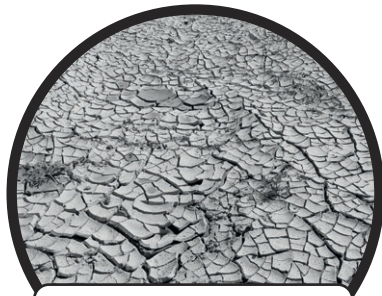
| | |
|----------------|---|
| environment | Our planet provides everything that we and all living things need. We call it our environment . |
| climate | Climate is the average weather conditions over many years (usually around 30 years). The earth's climate is just right, meaning that things can live 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

To look at all the planning resources linked to The Environment, click [here](#).

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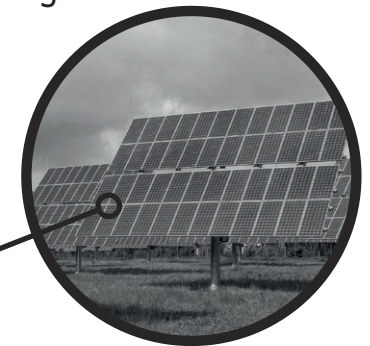
| | |
|---------------|---|
| energy | Energy makes everything work. |
| power | Electricity, gas and oil are all sources of power. They give us energy to make things work. |
| non-renewable | Non-renewable power sources such as coal, oil and gas can't be replaced once they have been used. Scientists 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**.