



St Paul's C of E Primary School – Knowledge Organiser

Name of Topic Climate Change

Year Group

6

Key Vocabulary and Spellings

1	renewable	A source of energy that does not run out.
2	non renewable	A source of energy that does run out e.g. coal, gas and petrol
3	solar power	Using sunlight to create energy for electricity
4	tidal power	Using the power of waves to create energy for electricity
5	hydroelectric power	Using the power of water to generate electricity
6	fossil fuels	A natural fuel, like coal or gas, formed from the remains of living organisms
7	consumption	Using up a resource
8	emission	Something that has been released into the world
9	sustainability	The idea that humans can interact with the environment ensuring there are enough resources left for the future
10	biofuel	A renewable fuel made from plants or animal waste

Top 5 Topic Facts

1	85 per cent of all the energy consumed in the world comes from burning fossil fuels, in particular petroleum (oil), gas and coal.
2	Cows fart methane gas which contributes to climate change- there are 1.5 billion cows releasing this gas on Earth!
3	Carbon dioxide levels today are rising 100 times faster than any other natural increases.
4	Greta Thunberg, an environmental activist, said, 'You are never too small to make a difference.'
5	Over the past 150 years, the average temperature on our planet has increased by just over one degree Celsius.



Key Investigations/Questions

1	How is climate changing across the world?
2	What is changing the climate?
3	How can we live more sustainably?