






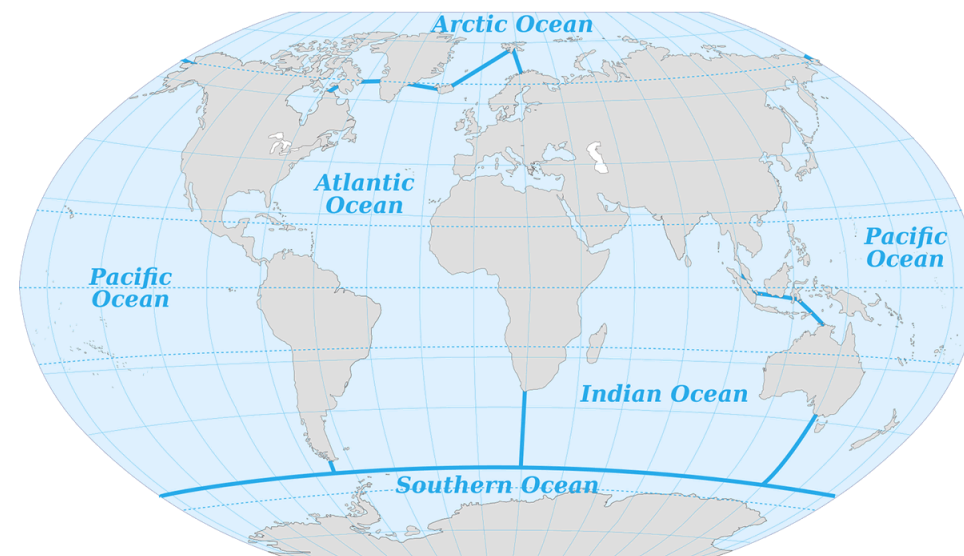


	Key knowledge to be transferred to long term memory	Building on previous knowledge and skills, you will remember:	Protecting the Environment		Key knowledge to be transferred to long term memory	Building on previous knowledge and skills, you will remember:
 David Attenborough - an inspirational conservationist.	Human beings are causing long-term, potentially irreversible, climate change.	In Y5, you learnt about Global Sustainability targets such as preserving land and life below water, tackling climate change and using clean energy.			Around 80% of plastic found in the sea comes from plastic thrown into rivers, streams and sewers.	Earlier in the year, you learnt about the importance of recycling and the negative impact that ‘dumping’ waste and rubbish has on our environment.
	Wind energy is converted when the wind moves the blades on a wind turbine; the moving energy is converted into electrical energy. This is renewable energy.	In Y4, you explored how energy can be made using fossil fuels (such as coal and gas) and through sustainable methods (such as solar).			When something is recycled , it is turned into something else, like tyres or plastic bottles.	In Y4, you looked at ‘sustainable’ ways to generate electricity (wind and solar) that would protect our environment whilst still allowing us to use electricity.
	Protected areas or conservation areas are locations with special protection; they often provide an area safe from hunting or changes to the environment	In Y5, you learnt how humans can cause extinction through deforestation and hunting.			Over the last 150 years, the average temperature has increased by 1 degree which has caused more extreme weather and sea levels to rise.	In Year 4, you learnt that when temperature goes up, ice melts and the volume of water in the sea increases.
	Marine Protected Areas are places at sea where environmentally damaging activities, like certain types of fishing, are not allowed.	Earlier in Year 6, you learnt about stewardship, and the roles we have as individuals of protecting the Earth, such as reducing plastic pollution in the ocean.			Changes in climate (an increase in temperature) are impacting our ability to grow food crops and to access clean drinking water and increasing the spread of diseases.	Earlier in the year, you learnt about the Amazon Rainforest and the impact deforestation would have on the animals and tribes that live there, such as loss of food sources/prey and loss of habitat causing a loss of life.

Key Vocabulary	
Mineral	a naturally occurring solid that makes up the Earth's rocks, sands and soils.
Fossil fuel	a material formed underground from the remains of dead plants and animals and can be burnt to create energy.
Endangered species	an animal or plant that is seriously at risk of extinction.
Sustainability	keeping things as they are.
Biodiversity	the variety of plant and animal life in the world or in a particular habitat.
Global warming	a gradual increase in the overall temperature of the Earth's atmosphere.



The Big Event



You will create a plan for your vision of the future in your area. You will need to consider housing, industry, public services and community spirit. You will present your ideas to the class.