



Why do we need to care for our local environment?

Subject Vocabulary		What do I need to know?	Where?
Ozone layer	A blanket protecting the Earth from the sun's harmful UV light.	<ul style="list-style-type: none"> There is a hole in the ozone layer. Our planet is heating up. Humans are responsible for global warming. Changes can be reversed using renewal energy. We can have an impact and reduce pollution in our local area. Planet Earth is suffering, mainly under the stress of excess pollution and the burning of fossil fuels. An atmosphere filled with gases surrounds our world. These gases form a blanket around the earth letting the sunlight in and trapping heat from the earth to keep us warm. 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Renewable Energy</p> </div> <div style="text-align: center;"> <p>Non-Renewable Energy</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>The Carbon Footprint</p> </div>
Climate change	Climate change refers to long-term shifts in temperatures and weather patterns.		
Renewable energy	Energy from renewable natural resources e.g. sunlight and wind.		
Non-renewable energy	Non-renewable energy comes from sources that will run out e.g. fossil fuels.		
Carbon footprint	Is the amount of carbon dioxide released into the Earth's atmosphere as a result of human activities.		
Global warming	A long-term increase in the Earth's average temperature.		
		Key Facts	
Pollution	Harmful materials into the environment.	<ul style="list-style-type: none"> The ozone layer has developed a hole as a result of an increase in gases called CFCs. There are a number of different energy sources, including the wind, waves, the heat of the earth and, of course, the sun. There are lots of ways to save the environment like building wind turbines or installing solar panels. 	
Ice caps	An ice cap is a glacier, a thick layer of ice and snow.		