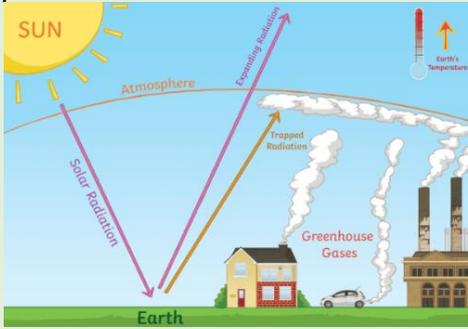
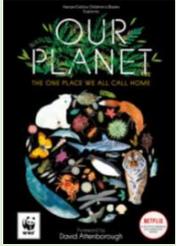




Knowledge Organiser

Science	Year 4	Topic: Living things and their habitats	
Prior Knowledge		Application of Knowledge	
<p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, bird and mammals, including pets)</p> <p>Identify and name a variety of plants and animals in their habitats, including micro-habitats.</p> <p>To understand the effect of changing seasons on the natural world around me</p> <p>To name some of the changes and processes associated with the weather/seasons.</p>		<p>Recognise that environments can change and that this can sometimes pose dangers to living things.</p> <p>Identifying differences, similarities or changes related to simple scientific ideas and processes.</p> 	
What will I know by the end of this topic?		Key Vocabulary	
<p>To begin to understand how climate change is impacting on everyday lives.</p> <p>Identify different environmental changes and their impacts.</p> <p>To identify how animals have made adaptations to suit their environments.</p> 		adaptation	any physical or behavioural characteristics of an animal that help it to survive in its environment.
		habitat	the specific area or place an animal or plant lives
		environment	All the physical surroundings on Earth
		interdependence	Organisms depend on each other for survival
		deforestation	when humans cut down or burn down large areas of forests to make space for farmland, plantations, or to use the trees as fuel
		climate change	a change in the typical weather for a region — such as high and low temperatures and amount of rainfall — over a long period of time
		characteristics	The distinguishing features or qualities that are specific to a species
		Greenhouse effect	a process that occurs when gases in Earth's atmosphere trap the Sun's heat
Famous Scientist		Books/ Websites	
<p>Greta Thunberg</p> <p>https://www.britannica.com/biography/Greta-Thunberg</p> 		<p>Our Planet - <i>Matt Whyman, Richard Jones & Sir David Attenborough</i></p>  <p>Changing Environments -</p> <p>https://www.bbc.co.uk/bitesize/topics/z6wwxn/articles/zp4w8hv</p>	