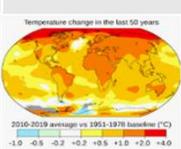
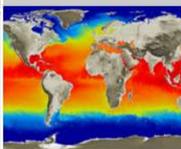


Sustainable Living | Science Focus | Years 5 & 6 | Spring 2

Vocabulary (Goldilocks words)			Sustainable Living	Important Dates		
1	Sustainable Living	Finding ways that we can make the planet's resources last as long as possible, ideally forever.	<p>There are many people living on planet Earth - over 7.8 billion and they all need food, water and somewhere to live to survive. All of these needs have to be met by the resources that are available on the planet. If we use up resources that can't be replaced, or we carry out practices that harm the planet faster than it can recover, this is not sustainable. When we talk about living in a sustainable way we are generally talking about developing ways to live that don't harm the environment, or that cause the lowest possible impact on it. In other words, people living today shouldn't use up the world's natural resources so that there are none left for those who live after us. Some of the planet's resources are already running out or there aren't enough for everyone who wants them. These are the problems that living sustainably tries to improve.</p>	1	1779	Factories were established in Britain and before then most goods had been manufactured in craftsmen's homes.
2	Climate Change	Global changes in the Earth's weather pattern and average temperatures.		2	April 22, 1970	20 million Americans took to the streets to raise awareness of environmental issues, demanding cleaner air and water.
3	Fossil Fuels	A fuel (such as coal, oil, or natural gas) formed in the earth from plant or animal remains from millions of years ago.		3	1954	Sir David Attenborough collaborated with reptile curator Jack Lester to create the popular TV series Zoo Quest, filming live animals in the wild and in zoos.
4	Global Warming	A gradual rise in average temperatures over all the Earth's surface.		4	1992	More than 170 countries attended an Earth Summit in Brazil and came up with several agreements on global environmental issues.
5	Carbon dioxide	A gas that is formed by burning fuels, by the breakdown or burning of animal and plant matter, and by the act of breathing, and that is absorbed from the air by plants in photosynthesis.		Famous Conservationists		
<p>Humans have been using fossil fuels for thousands of years but we have become increasingly dependent on them since the Industrial Revolution, which began in Britain in the late 1700s. The Industrial Revolution is the name historians have given to the period in history when there was a large and rapid change in the way things were made. This meant that instead of things being hand made in small workshops, they were made more cheaply in large quantities by steam-powered machines in factories which needed coal as fuel.</p>			1	Sir David Attenborough	An award winning broadcaster, writer, and naturalist, who has inspired millions to connect with and care about nature.	
			2	Wangari Maathai	Introduced the idea of community-based tree planting in Kenya and is founder of the Green Belt Movement.	
			3	Jane Goodall	Best known for her 45 year study of the social and family lives of Chimpanzees. Through her research, she discovered that Chimpanzees make tools, hunt cooperatively, eat meat, wage war, have strong mother/infant bonds, and show acts of compassion.	
			4	Greta Thunberg	Thunberg has inspired millions of people around the world to voice their concerns about climate change.	
			5	Theodore Roosevelt	An American President in 1901 believed that <i>"The nation behaves well if it treats the natural resources as assets which it must turn over to the next generation increased and not impaired in value."</i>	



Greta Thunberg