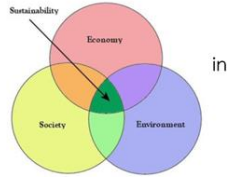


What is sustainability?

Often people forget that this is our world we are living in and we should care for it. Sustainability is meeting the needs of our own without compromising the others necessities. Thinking about the pros before the cons and how what you are doing is good or bad for the earth. You think there is another planet that we can go to after we have destroyed this one, but there is not. When the people, the economy and the environment work together sustainability is created.



Global warming.

The term "global warming" implies that the earth is only warming. However, the effects of climate change are much larger and more detrimental than a more humid climate!



The colder regions, such as the north and south poles, are experiencing large levels of melting sea ice, resulting in endangering many species. In Australia, they are entering a similar change of climate. Bushfires and Droughts are ravaging across the continent, stranding many animals like koalas, wombats, and dingo's.

In David Attenborough's own words,

"It seems to me that the natural world is the greatest source of excitement; the greatest source of visual beauty; the greatest source of intellectual interest. It is the greatest source of so much in life that it makes life worth living."



Written by Martha Case, Millie Kitchener, Amy Morgan and Eve King.

Non-renewable energy.

Since the 1880's non-renewable energy has been used to generate electricity. This has damaged the earth. The fossil fuels that are causing harm are **gas, coal and oil.**

When you burn fossil fuels and other non-renewable energy, they release pollutants that can make breathing more difficult. Coal produces bad gases such as mercury, which then floats through the air and is inhaled by humans or animals.

Since 1990, 1,300,000 km of forests have been cut or burnt down.



53% of people in the UK, along with 80% of the world, are killing our beautiful planet and living unsustainably.

Mankind has transformed our world into 'planet waste'. We, The UK, produce approx. 100 million tonnes of waste a year.

Written by Archie Hayman, Ma-son Essex, Leah Ngibombi, Thom-as Braddock, Kasia Przygoda, Benji Naylor, Betty Stemp and Cody Anderton.

Where would you rather live?

Plastic from England is being transported as far as Turkey to be destroyed. Yet this plastic also pol-lutes. Therefore, a supermarket packet YOU have used could eventually end up in Turkey

Go Blue - Save our vast oceans!

Did you know that almost three quarters of our planet is made up of water? If we continue polluting our earth, one day sadly our lives will end because of this major disaster. Our vast oceans provide us with food, keeping us warm and most importantly provide us with oxygen. If we do not stop, unfortunately, things will change and our beautiful world will crumble.



Hurry up... By 2050 if we do not change, there will be more plastic than fish in the ocean. Every day, 13,000 - 15,000 pieces of plastic are dumped into the ocean. This is absolutely outrageous. Plastic enters oceans in many ways - from being dumped in rivers to getting flushed down the toilet.

Saving our water is only a part of this story; water pollution can convert our freshly given water into a harmful hazard. The mining industry uses a large-scale of water and sometimes toxic chemicals when extracting certain metals from the rocky ore's. In 2018, the heavily polluted lake in India Balladur caught a blazing fire lasting thirty hours and sending it over nine km away.

Written by Leon Wilson, Scarlett Austin, Isabel Warwick and Ryan Fisher.

Do your bit!

What is renewable energy?

Wind farm

Wind farms are a renewable source of energy; because they require no fuel to be powered, they are better for the environment.

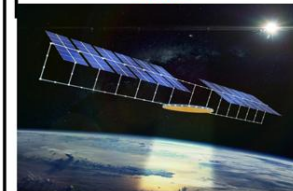


Between 1750 and 1900, power was generated by wind and water. As a nation we used to be sustainable until we needed steam to power our machines, this meant the beginning of fossil fuels.



Did you know that the fastest wind turbine goes twice as fast as a cheetah and completes 14 spins a minute.

You can even find solar panels in space on satellites or the interna-tional space station to power them!



Solar energy

Solar power is **ONE-FIFTH** cheaper than any fossil fuel. As well as that, over the years, China has produced the most solar energy. The next in the ranks is the USA, India, Japan and Vietnam who also produce a fair amount of solar power. On the bad side, in 2020, only 2.8% of the UK have solar panels.

Written by Harrison Will, Josh Lidbetter, Izzy Thomas, Ben Bailie, Harry Hayward, Taylor Whiting, Felix Hurst-house and Iris Gittings.

Is plastic fantastic?

Oceans are awesome! They provide homes for over billions of sea creatures and contain over 96% of the world's water. However, if we carry on polluting the oceans like we are to-day by 2043 there will be no sea creatures for us to see in the oceans. There is now 5.25 tril-lion macro and micro pieces of plastic in our ocean & 46,000 pieces in every square mile of ocean, weighing up to 269,000 tonnes. Every day around 8 million pieces of plastic makes their way into our oceans. It would not be acceptable for us to swim in plastic so why is it acceptable for sea creatures?



Micro Plastics

Micro plastics are plastics that have broken down and biode-graded. For a piece of plastic to be considered a micro plastic it has to be 5mm or smaller. These are really detrimental because they are so small that you can hardly see them. Also they are also small enough to get into fishes gills and suffocate them.

Written by Lily Smith, Ila Hill, Isaac Perry and Elaina Poynter.

Out and about

When you are out and about, do you part, pick up any litter you see lying around.

When you are planning to go on a short drive, why don't you get a little fresh air and have a ride on your bike or scooter, alternatively you could walk.

And don't forget to join in on International walk to school day that is held in October every year, if you live far why don't you drive half way and walk or bike/scooter the rest of the way.

Written by Aurora Hartwell and Georgia McCrae.

