

Charlie

Forests and food



Food

The equivalent of 4 million double-decker buses full of food is thrown away every year. In the USA 40% of food isn't eaten; which is 365 million tonnes. Also an American waste a day is 4.5 tonnes. Around 30% of all food is rejected by supermarkets, this is because of its shape in the UK.

Forest

75% of insects are extinct and 95% of Bluefin Tuna are extinct. Biodiversity means every animal needs a habitat. The Borneo Orangutans are endangered due to habitat destruction, the Amur leopard is the rarest cat; there are only 100 adults left because of habitat destruction.

Alex

Food and farming

Please check out these website: www.greenpeace.org.uk
Food



Food is an important part of our life. We need it to survive, and if we don't have any food we will die of starvation. But we are also damaging the ecosystem and the world, because most of the farming sites are possibly using old forests to make all crops that we don't even use.

Just less than half of our food is thrown away a year that is a lot and that is the whole world. The UK produces more farmed food than any other country in the world and there are 195 countries.

Did you know these 5 facts about the environment?

- About 10 billion farm animals are used for dairy and meat?
- Farming factories account for 37% of methane emission, which has more than 20 times the amount of global warming potential of CO2.

- It takes up to 1800 gallons of water to produce 1 pound of meat. That is like filling 50 bathtubs full of water.

- Raising animals for food is tearing down so many rain forests.

Farming

These are 5 environmental facts about farming:

- 8 billion animals are killed to make meat for the UK. • Factory farmed meat needs more than twice the amount of fossil fuel.

- livestock farming accounts for around 14.5% off greenhouse gas

- In 2004 22.9 million acres of the amazon rainforest was destroyed in order to grow crops.

- More than 80% has been cleared since.

We have a lot of farms in the UK alone so think how many farms are in the world. We have developed a lot of farming systems since the 1900 we have come up with better ways to farm but we have also polluted a lot more than we used to. We used to farm by hand but now we farm with heavy metal equipment, and we have to use a lot of fuel to use the tractor, which means we are polluting pretty much every minute. We need to find a way to stop using fuel but instead use solar panels to plant and farm plants for us all to eat.

Thriplow Times

25th November 2020

Revive our oceans

Leo

We need to save our planet and to be guardians of our home, the Earth.



This is what we are doing to our oceans. Only 7% of our oceans are protected. Greenpeace wants to make this 30% by 2030. This movement is called 30x30: A Blueprint for Ocean Protection. The oceans are endangered and we need to act immediately.

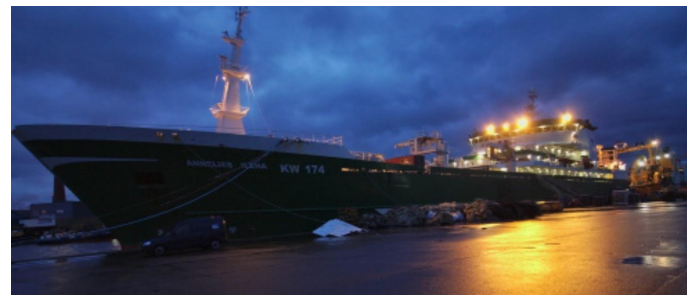
71% of our planet is covered by water so if we ruin the oceans there would be hardly anything on Earth to enjoy. There are five oceans: Atlantic, Pacific, Indian, Arctic and the Southern Ocean. More is known about the surface of Mars than our oceans. Mars is millions of miles away. The oceans help us breathe and produce over half of the oxygen on Earth. Some medicines are made from the creatures in the oceans. We need to protect our oceans and we need to act fast. There are lots of exotic creatures that we could save, such as: dolphins, seals, seahorses and turtles. 8 in 10 of the creatures on Earth are in the oceans.

The threats to the oceans are: Plastic pollution, overfishing and drilling our oil reserves. We need to stop this from happening and we need to fix our oceans and the problems we have created. All of the plankton, seaweed and sea grasses make as much oxygen as the forests and grassy plains on Earth. One fifth of the animal protein people eat comes from the oceans and seas. "Water and air, the two essential fluids on which all life depends, have become global garbage cans," says Jacques Cousteau (he was a conservationist and filmmaker). This is a reminder that we need to protect our oceans and lands.

All the plants and animals in the world live in a particular habitat. It is thought that 32% of single-use plastic ends up in the worlds' oceans, causing pollution that harms marine life. The rising temperature of our atmosphere is changing the temperature of our seas and oceans as well. Some modern, industrial fishing methods include: radar, sonar,

helicopters and spotter planes. These are methods we used for tracking down our enemies in World War Two.

At 144 meters long the Annelies Ilena is one of the world's largest super trawlers. It can catch, process and freeze 400 tons of fish every 24 hours and stay out at sea five days at a time.



It is truly massive.

It is estimated that from 2007 to 2016 between 0.79 and 2.3 trillion fish were caught from the wild each year. 31% of fish are overfished. For every 10 fish that should be swimming in the oceans, there's only 1 today. These statistics are shocking and we need to fix what we have done to our planet. There are lots of ways you can do this and we still have a chance of saving the Earth. One of the ways you can do this is by joining Greenpeace. Here is a link to one of their websites <https://www.greenpeace.org.uk>

Save the rainforests

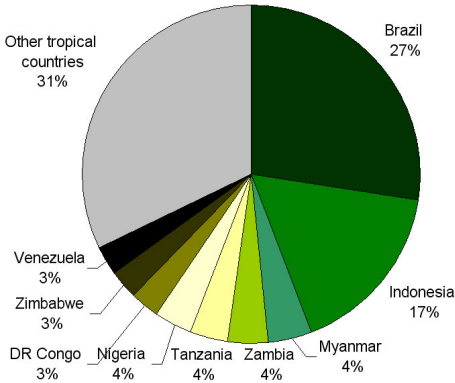
Sebbie



Rainforests are important to life on Earth. The trees breathe in carbon dioxide and breathe out oxygen. That is how we survive. Lots of animals live in these woods and are losing their homes because of deforestation. This is the time to stand up to the people that are chopping down the trees. So much rainforest has been cut down - animals such as birds, squirrels, baboons, Oranatangas and tigers and many, many more are losing their homes! The rain forests are being chopped down and turned into farmland land. Then the soya from the farm goes to factories that pollute into the air. The factories are the ones doing most of the pollution.

The animals also get moved which is not good for the environment either.

Share of tropical deforestation, 2000-2005
mongabay.com, using FAO data



This is a pie chart of the rainforests in the world! We need to act. Why won't people listen? We can't sit around and let things die. I think we need to get off our chairs and help save the environment. We are losing rainforests at incredible rates! Rural tribes live in the rainforests and depend on it to survive.

Here is a website to help make a better world

[-https://www.greenpeace.org.uk](https://www.greenpeace.org.uk)

https://youtu.be/8rIjVDo_u8c

There's a monster in my kitchen and I don't know what to do

Find out in this video!!!!

Forest facts

Jack

Sir David Attenborough 'I like animals. I like Natural history. The travel bit isn't the important bit. The travel bit is what you have to do in order to go and look at the animals.'



A Jaguar in the Amazon Rainforest.

Rural farmers and industrial meat producers are destroying

Our forests! Every second the size of a football pitch Has either been chopped down or burnt.

Farming is affecting our rainforests and forests because people [rural farmers or Industrial meat producers] are chopping or burning down the forests.

More than 80% of the soya grown from where the forests were fed to livestock which we eat.

If we carry on chopping or burning the forests down a lot of animals will become extinct! For example the Borneo

Orangutan's is highly intelligent and shares 96.4% of our genes. For future reference, if we keep going as we are - animals will die out and that means that it will break the food chain and this will result in all animals going extinct.

In 2019 there was a deliberate fire, which burnt the size of Scotland in the Amazon Rainforest killing innocent animals. These fires were started deliberately just to make space for farmland! This is the Greenpeace boat, which is sailing across the oceans and up rivers to help the wildlife.

Greenpeace is trying by 2030 to save wildlife and help humans to stop eating a lot of meat and destroying the forests. They are trying to get the



UK government to sign a contract to save 50% of the meat on our shopping isles.

Pesky pollution

Imogen

We should all help stop pollution. There are lots of different causes of pollution. Such as: ocean pollution, food pollution and the most commonly known oneic pollution. Pollution kills the planet and we all have to help stop it.

Ocean pollution

Ocean pollution is where people throw plastic, and other rubbish, into the ocean, but it could kill animals. For example, if a plastic bag was thrown into an ocean, a turtle might think it was a jellyfish and swallow it, and the turtle could die. There are also other causes of ocean pollution, such as: every minute an oil spill will happen and oil poisons water. *Oil spills account for just 12 percent of the oil in our oceans. Three times as much oil is carried out to sea via runoff from our roads, rivers and drainpipes. Spills can happen through accidents, such as an oil liner striking rocks that cut a hole in the boat. They can also happen if equipment breaks down, such as a drill on an oilrig.*

STOP OCEAN POLLUTION!

Food pollution

Food pollution is where plastic packaging from food is thrown away. Did you know that supermarkets reject 30% of fruit and vegetables?

STOP FOOD POLLUTION!

Plastic pollution

Plastic pollution is one of the worst types of pollution. Did you know the average American throws away 135 tonnes of rubbish each month? Please stop using single use

plastic. There are many types of single use plastics such as: cling film, disposable facemasks, plastic bags, plastic bottles and lots more.

STOP PLASTIC POLLUTION!

Plastic and Food waste

Zara

Food Waste

Why are we wasting food?

In recent years, our fridges have expanded by 15%, which has caused people to buy more food. Humans like white, empty spaces for furniture but not for food. These large fridges cause people to buy more food to fill the space even though they won't eat it. (People's buying behaviours are strange: we don't mind if we leave anything to go past the 'best before' date, but we do mind if we come home from the shops and drop a box of eggs). Additionally, since 1960, our plates have grown by 36%, thereby encouraging people to put more on than they are able to eat; which increases the level of food waste. Despite this, at least 690 million people are still going hungry around the world.

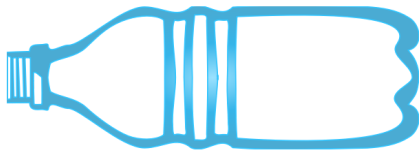
Plastic Waste

What happens to a plastic bottle when it is thrown away? There are several answers to this question.

Ideally, a piece of single use plastic e.g. a plastic drinking bottle is sent to a factory to be pushed into blocks with many other bottles. Next, they are melted and formed into one big block. After that, they are cut into tiny pieces and moulded into either another bottle or anything else plastic. However, if a plastic bottle is not put in the recycling, it is sent to landfill. This is awful for the planet. When it rains, the chemicals in the plastic will drain out into the rainwater and into the ground. This causes the toxic chemicals to mix and flow through the ground into rivers, lakes and seas. Sadly, in some cases this causes animals and plants to die.

Another problem with sending plastic to landfill is that it ends up being discarded in the ocean. Worrying amounts of plastic are already polluting our seas, which have created five enormous floating islands. The bottles have been sucked into one of the five great ocean gyres (large accumulations of plastic that group together in a vortex). Unfortunately, marine life lives around the gyres, which is causing problems. One problem is that the creatures eat the plastic, which makes them feel full when they're not, resulting in starvation. A larger fish consumes the fish that eats the plastic; which enters the food chain.

This video explains the problems in more detail.



https://www.ted.com/talks/emma_bryce_what_really_happens_to_the_plastic_you_throw_away?language=en#t-10027

Plastic waste can also be many other things such as: Sweet Wrappers, Toothbrushes, Plug Sockets, Milk Bottles, Plastic Cutlery, Plastic Chairs, Plastic Bags, Bottles, Pens, Plastic Gloves, Lunch Boxes, Containers There can be recycled plastic and single use plastic. Many things are single use (such as: plastic straws, medical equipment wrapping and cling film) but we are trying to use as many reusable things as possible.
Did you know?

- Did you know that every one minute a truckload of waste is dumped into the ocean?
- The rubbish produced in eight months would fill Windermere?
- 2.04 kg of food per family is wasted per day?
- Every time a supermarket has a delivery of fruit and vegetables, 30% is rejected.
- Each year 10 million tonnes of food waste is wasted.
- Each Christmas 83 km³ of wrapping paper is thrown away.

We all know there are problems with plastic waste and food waste, but there are solutions.

Think about what **YOU** can do to help stop **FOOD WASTE & PLASTIC WASTE.**



Pictures showing animals harmed by plastic

The Rainforest will



Sir David attenborough says ‘We are destroying the Rainforest, we must act before we have no rainforest left’

Our rainforests are being burned. People are deliberately lighting them on fire to make space for soy fields.

Experts say we are losing approximately 80,000 acres of rainforest every day. Demand for soya has increased massively and 90% of the soya grown is used to feed animals. Forests and natural habitats are being destroyed to make fields to grow soy. This is causing climate change and death of animals which is affecting all of our lives. The next generation won’t know what animals in the rainforest are like. They would never see a macaw, iguana, tamarin monkey or harpy eagle; they would never have the chance to see rainforest species whether it is an animal, bird, plant or insect. We must act now to save not only the rainforest but the whole world. Tribes of people also live in the rainforest so deforestation is destroying the homes of our fellow humans.



This is a blue macaw; they are critically endangered. We are killing everything and must stop otherwise we will also die. We depend on the rainforest’s plants and trees to absorb carbon dioxide and produce oxygen. We share 97% of our genes with orangutans and there are not many left in the wild. There are only about 104,700. You might think this is a lot but it really isn’t compared to how many humans there are. There’re 7.9 billion humans on earth! If we want our kids to know what an orangutan looks like then we have to stop burning the rainforest. The amazon river dolphin is critically endangered as there are only 3 in captivity and **none in the wild!** We have to save these animals before they become history.

If you want more information about the rainforest visit the Greenpeace website:
<https://www.greenpeace.org.uk/challenges/forests/amazon-rainforest/>

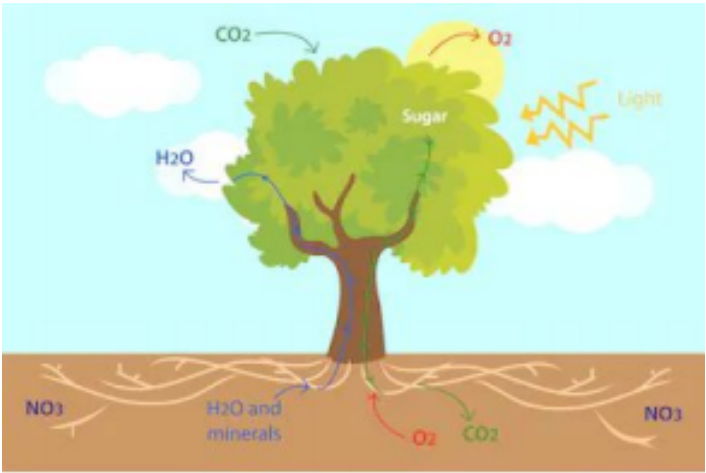
FANTASTIC FORESTS!

Riley
DEFORESTATION
Deforestation is a massive problem not just for our forests and their inhabitants but for us too. However, there are many endangered species that are being pushed to the brink of extinction by logging companies that want the money and the land for other businesses. The main forests that are targeted are in particular the Amazon Rainforest, Congo Rainforest and Southeast Asian Rainforest from tropical

regions. Every second an area the size of a football pitch is cut or burnt down mainly to make way for farmland.



This is a result of what burning the forests can do to our planet.
THE THREAT IT POSES TO US
The threat that deforestation poses not only to the wildlife but to us is awful but at the same time astonishing. We are effectively destroying our chances of life by wiping out the very thing we exist on O₂. Trees take in CO₂ and breathe out O₂ by doing this they keep us healthy with fresh air to breathe and to thrive.



A diagram of how trees breathe in CO₂ and breathe out O₂.

REVIVING OUR FORESTS

Reviving our forests will be one of the biggest challenges the people of planet earth will have. Because we’ve already made our chances of this slim but the word is being spread and people are already starting the long journey to having a peaceful and balanced world. An organisation called Greenpeace have got together and are trying to save our planet by putting their lives on the line to stop whalers, and are spreading the message about trying to stop deforestation.
<https://www.greenpeace.org.uk/?s=rainforests>



The Greenpeace logo.
[:https://www.greenpeace.org.uk/](https://www.greenpeace.org.uk/)
<https://friendsoftheearth.uk/trees>

£1.99 Go Carbon Net Zero

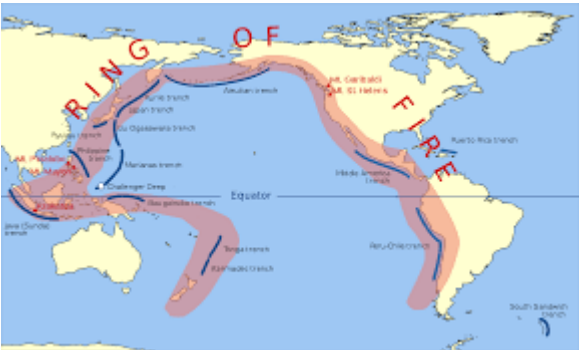


Olie
In 2019 over 80% of our Global energy came from Fossil fuels. The process of unearthing Fossil fuels destroys vital wildlife habitats. Our seas absorb up to 25% of carbon emissions causing it to

become acidic.

Renewable energy can be replaced or have an endless supply; such as solar, wind, hydro, geothermal and biomass. A home can run entirely on solar power and reduce carbon emissions by 80%. An open sunny landscape is ideal for harvesting solar energy.

Hot springs are ideal for geothermal energy. 85% of current geothermal energy plants are in countries that lie on the "Ring of fire".



An unpopulated, windy area is perfect for harvesting the wind power. A coastal area with sustained winds is an ideal location too.

You could reduce and also eliminate these harmful emissions by using renewable energy sources and reducing your carbon footprint; you could turn your lights off when you leave the room or don't need them on, put a jumper on instead of the heating or you could scooter to school or bike even instead of using a vehicle.

SAVE OUR PLANET!!!

Revive our oceans

Anna

We have done great damage to oceans and now it’s hard to find a solution, hopefully this will help.

THEN:



NOW:



In order to stop this from getting worse we need to: recycle our plastic, put our rubbish in the bin instead of on the ground and stop using so many things that contain plastic. We mainly focus on what pollution we can see, but there are tiny particles called microplastics which we can’t see and they harm sea creatures. Analysis by the University of Manchester, found up to 1.9 million plastic pieces per square metre in sediment pulled from the Mediterranean Sea, near Italy.

Overfishing

Overfishing is where fishermen use a specific method to make sure they catch plenty of fish. However, this is bad for the sea creatures because they could get tangled or caught in the net and possibly suffocate or get badly injured.

Fishermen need to reduce the amount of fish they are catching. They are destroying wildlife’s habitat and

harming most animals. They drag nets along the seafloor destroying coral reefs and much more.

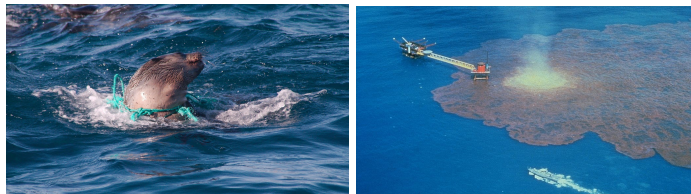
Safe Substitutes

If you need some safe substitutes, here are some to protect the ocean:

- You could buy or make a reusable shopping bag
- Recycle your plastic
- Buy fish that has been caught by sustainable methods
- Buy products with the least amount of plastic packaging
- Avoid synthetic clothing with microplastics.

Oil Spills

Oil spills can cause great damage to our oceans. If there is too much of it, it can poison the fish, whales, dolphins, sharks and many more living creatures. Their homes would probably be filled with oil, making it a harmful place to live in. Therefore, the fish would have to flee their homes and find a new habitat.



By-catching

By-catching is a common problem we have. This involves fishermen catching creatures that they didn’t intend to in their net. This is a problem especially when endangered, threatened and protected species such as turtles and dolphins are accidentally caught, injured or killed. Another problem associated with by-catch includes disrupting the food chain by mistakenly taking fish that other fish rely on as food.



We can now see our oceans are in danger. Everyone is capable of making a difference. As individuals we can use less plastic and educate others. The fishing industry also needs to play their part. If we all change our behaviour there is hope for the future of our planet.

More information can be found at <https://earthshotprize.org/the-earthshots/oceans/>



Our Oceans are in danger!

Reghan

Oceans cover about 71 percent of the earth's surface. There are four oceans on our planet: Pacific, Atlantic, Indian, and Arctic oceans. In recent years, some oceanographers have determined that the seas around Antarctica deserve their own designation: the Southern Ocean. An estimated 97 percent of the world's water is found in the ocean. The ocean has considerable impact on the weather, temperature and the food supply of humans and other organisms. It is unknown how many different species call the ocean their home. With many marine ecosystems suffering from rising sea temperatures, pollution, and other problems, some oceanographers believe the number of species is dropping.

What is threatening the oceans?

Pollution

Almost 80 percent of the pollutants dumped into the sea come from Inland operations.

Oil

Every year, the oceans are used as highways through which more than 6,000 oil tankers transport 1.5 billion tons of crude oil. On average 25 major accidents, as well as many smaller ones, occur each year, resulting in more than 700 tons of crude oil spilled into the sea.

Floating rubbish

About 675,000 kilos of rubbish are thrown into the ocean every hour (a total of six million tons per year), 50% of which is plastic. This rubbish kills 100,000 mammals and sea turtles every year.



Next time you visit the seaside, do your bit for our planet and take your rubbish home!

Deforestation: Not a Complication!

Maya



Deforestation is a big world wide problem which can lead to many dangers. Lots of animals are threatened by this situation including us. We may think that we are chopping down these forests for our own good however, it affects us a lot. When we saw down trees we are killing our source for oxygen as trees absorb carbon dioxide in their trunks and extract oxygen. When we cut them down we also are letting out lots of carbon that they store in their trunks. Another point to think about is that the forests are a habitat for 80% of our biodiversity (biodiversity means all the animals and plants in the World). Burning trees means taking away where they live which, sadly, can make them die and cause them to become endangered, or worse, extinct. As humans we rely on our fellow creatures; let's take the orangutans for instance, they can protect us from many diseases.

Every second a patch of forest the size of a football pitch is cut or burnt down. But what can we do to stop deforestation?

Well the solution is easy:

- . Eat less meat
- . Plant a tree
- . Use less paper (there are many more ways but these are the first steps)

For more information about deforestation try this website: <https://www.greenpeace.org/usa/forests/solutions-to-deforestation/>

Revive our oceans

Talia

Did you know that the population of Jack Mackerel has decreased by 90% in fifty years . This is because of overfishing. The large fishing companies are destroying the small boats that are catching just enough fish to feed their families and a small amount to sell for a profit. These fishing trawlers catch too many fish and are destroying the fish's ecosystems and food stocks.

Over the last fifty years, the size of the fish we are catching are getting smaller and smaller amounts are getting caught. This is the sign that the amount of fish is reducing. We can stop it with GREENPEACE' s 30*30 campaign. This means that 30 % of the oceans can be protected by 2030. By making no fishing zones, the fish can recover and we can make the fish own the oceans again.

Also, every 10 creatures swimming in the sea only one remains .How sad is that! Other causes of fish dying out are : oil spills supertrawlers and whaling . Whaling ships from Japan and Norway are allowed to kill and consume whales and sell them for money . Norway and Japan are the only countries in the world that are allowed to kill and consume whales . Shops in Norway sell large blocks of blackwhale meat {people are allowed to continue traditions of eating whales}. More than a billion people in the world rely on fish per day and 500,000 eat it more than once a day .

More than a truckload of plastic is dumped into the oceans every minute, imagine counting to sixty then a truck worth of plastic enters the ocean. Well the question that you all may be asking yourself is:“ how can I help? “ Your answer is USE LESS PLASTIC , especially single use plastic. Instead you could use beeswax to wrap your lunch or consider taking a metal water bottle instead of buying a disposable plastic bottle every time you go out . Also you can use bamboo toothbrushes instead of plastic .

“ What is scarier than an ocean with sharks An Ocean without sharks“

GREENPEACE www.greenpeace.org

Forests

Polly

This article is about our beautiful forests and how every **second** an area the size of a football pitch is destroyed!

The Amazon

The amazon is a rainforest with a size of 1.4 **billion** acres.

Half of the planet's remaining tropical forests. It has 4,100

miles of rivers flowing through this abundant place. It covers 40% of South America!

Species

There are many species in the forests and rainforests of

the world. On the **right** we have the Hoffmann's Two-Toed

Sloth.The Amazonian Jaguar is one of the endangered

species of Rainforest Wildlife. In the forests of Europe we have Red Squirrels and European Badgers. These species are endangered and they need us to act **now** to save their beautiful homes!



Tree Types

The amount of trees in all forests **was** extraordinary but now **we** are destroying them.The forests normally have lots of different types of tree:weeping willow, black locust, european ash, dragon tree and around 7,000 more.There are around 400 billion trees in the world and those numbers are decreasing! Did you know that the Cladoxylopsida were the first large trees to appear on Earth, evolving almost 400 million years ago!

Plants

There are millions of bio-diverse plant types in our forests and jungles. For example some plants are found nowhere else on earth! Like the Jaboticaba tree on the left. It is known for its blackish fruits which grow directly on the trunk. A list of unusual amazonian plants are: Rafflesia, Amorphophallus, Titanum Victoria, Amazonica, Nepenthes, Durian Fruit and the Bois Dentelle Tree.

Forests



Forests are one of the most common biomes on the Earth. Forests cover 4 billion hectares of the Earth's surface.the tallest tree in the world is the **Sequoia Sempervirens** it is an astonishing



“Cherish the natural world , Because

you're a part of it And you depend on it.” - Sir David Attenborough

<https://www.greenpeace.org.uk/>

<https://www.wwf.org.uk/>

Animals That Are Endangered

Erin

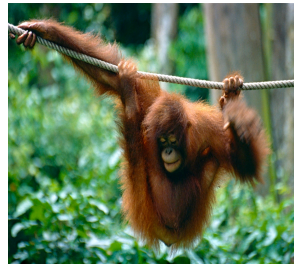
This is an article about endangered animals that we need to save.Some of these animals are really endangered and some not but we need to save them all.Quite a few of them are nearly extinct .



The Siberian Tiger

First I am going to tell you about the siberian tiger, The siberian tiger is originally from Siberia but you can get some from China.They live in the wild but you can get some in zoos.They are super cute in my opinion, but are really badly endangered, they have gone down in quite a few numbers in the past ten years.

The Orangutan



The orangutan is from north Asia,It is found in the rain forest quite a lot and can be in some zoos around the world .It is one of earth's most endangered monkey species.It is so cute I think.The baby orangutans are losing their mums and then the babies die of starvation,Which is so sad.

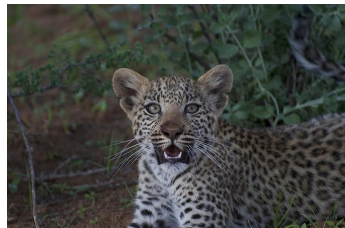
The Polar Bears

Polar bears are from the arctic, Especially At the moment though they are in great danger,



The ice that they live on is melting and they get so cold in the water that after a while their legs give way which is so sad.

Polar bears are dying and we need to help.We can't just sit down and watch all these bad things happen.



The Jaguar

The jaguars are originally from North America, and And a lot of them live in the rainforest. You can get some in the American zoos,But not in England because it's too risky to have them travel over to the UK.



Panda

The Panda is originally from China and there are not a lot left in the world.There are about 1864 left which is so sad . What have they done to us? Nothing.

The Snow Leopard



The Snow leopard is originally from South Asia, They used to be endangered but are now fortunately, not there are around 4,060,860 which is so good because the population of them is getting bigger.

The pink Dolphins



The pink dolphins are one of the rarest dolphins in the world; there are estimated to be only 2000 left in the whole world and that's not a lot.

OUR OCEANS ARE GETTING SICKER SO WE NEED TO ACT QUICKER!



By Elsa

Introduction Our wide, vast oceans are dying because of human actions. Animals depend on us to keep their home clean and not ruin the seas, but sadly we have been doing the exact opposite. Oil tanks are spilling and coral reefs are becoming empty, as humans are getting greedy and taking all the fish they can get. I am going to tell you why our oceans are fading, why sea creatures are diminishing and how we are destroying our past.

Plastic Pollution in the Ocean

Did you know that there are 5 oceans on our planet? 71% of the earth is covered by them with the world's biggest ocean being the Pacific Ocean and the smallest, the Arctic. Plastic is one of the three threats that we have to the seas and the planet. The oceans provide food, ingredients for medicines and half of the world's oxygen! Every 60 seconds there is a truck full of rubbish that is dumped in the sea. We are not looking after nature, 32% of single use plastic packaging ends up in the world's oceans, causing pollution that harms precious marine life

Oil Spills

Oil is toxic to many sea creatures in the oceans including plankton, fish, birds and sea mammals. The oil tanks get sent by ship or pipe lines out into the sea. Ofen accidents occur where pipelines break and vessels are damaged, all of which is caused by human error. The impact is: reduced growth, disease, damaged reproduction, impaired health and death.



Overfishing

The biggest threat to our oceans is overfishing. Only 7% of the world right now is protected by plastic and overfishing. Over one third of global fish stocks are fished at unsustainable levels. The amount of fish humans have been collecting has increased rapidly over the past few years, this may not sound as if it is a problem but trust me it is. Sea beds have gone quiet and prey has no food to eat as species and habitats are getting smaller by the very second. 0.97 to 2.7 trillion fish are caught per year and 40% of this is bycaught! This is heartbreaking as lots of other sea creatures are trapped in there too: like dolphins, sea turtles, whales and seabirds.



We must take action now!

Global warming

By William

Global warming is a big problem and humans are a big part of it we produce A LOT of greenhouse gasses into the air and damaging our world .And this is a big problem one part of it is that we are cutting down a lot of trees which bring in the CO2 that we make from cities,planes,cars and bouts but since we are cutting down our trees they can not collect the CO2 that we produce.CO2 is bad for the climate CO2 is a type of greenhouse gas. If we continue to cut down trees we will have too much CO2 in the air. And with no trees the ground will start to die because they are not being filled by water by the trees. Which they need to survive. But if we start to refill the areas that had been turned into farmland because we have cut down forests,we could start to fill the areas of farm land with tree seeds and do more fair farming so that we can let forests and there biodiversity recover from the damage we have done to them and so we do not take massive amounts of trees away from the forests that we create and we let biodiversity thrive. And we can let nature thrive again instead of nature

dieng at the hand of humankind.



This polar bear is trapped on a small piece of ice and polar bears can not swim for a long time. The ice is melting because of global warming his only choice is to swim. But u can help this polar bear if we try to stop climate change and global warming by telling our world leaders we need action and we need to save our planet from dying.if we do it will be amazing and we will be in peace with our world and planet and wildlife shall thrive with humans and all together our lives would be alot happier and nature shall thrive. But to do this it will take probably many years to make our planet amazing again but with help from the whole globe we could make our planet A LOT better than it is with green all around us even in our homes! If we can do that our lives would be filled with happiness and joy. But if we do not do this we shall have a dying planet and none of us want that if people weren't so greedy for money our planet would be a greener,healthier planet .



This is a picture of a healthy green planet and what we want our planet to look like if we save our planet from greenhouse gasses like CO2 and mercury being released into the air and stop polluting our planet. And if we can make our planet green we can make our planet a healthier planet if we <https://www.greenpeace.org.uk/make> a healthier planet. And the next generation will have a lovely world to live in.If we can make a difference to our planet.

Our Forests Lily



Introduction

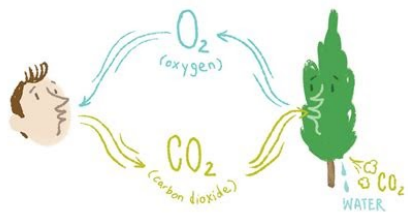
Some people love the forests. Millions of people call the woods there home for example homeless or vagrant people whose lives depend on them. People love them because of their glorious animals and agriculture. Sometimes for the food it produces.

Animals

Lots of our species of animal are going extinct every day. Like the Amur Leopard is probably the world's rarest big cat and there's now only 100 adult leopards of their kind in the world. Also, many other species are sadly dying mainly because of deforestation. This is destroying their habitat.

Plants and Trees

Isn't it amazing that we are breathing in the tree's oxygen? The air we breathe mostly comes from trees. The trees use carbon dioxide and water and produce oxygen



Around 80% of

our food we eat has come from the rainforests. Most common foods are:

- Chocolate
- Bananas
- Citrus Fruits
- Nuts
- Sugar
- Coconut oil
- Spices

Deforestation

We are deforesting many forests on our planet. The reason is we want to make money. Planting palm trees for oil is bad for the environment. Causing animals to move out of their habitat. Palm oil is used a lot in food. Wood is used a lot in building, furniture and heating. It comes from the tree

trunk. This is ok if it comes from a sustainable forest. It’s not good to chop trees down from a natural forest full of wild roaming animals.
Did you know?
80,000 acres each day are being cut down because of us.

Conclusion
We have gathered that if we carry on killing our forests there would be consequences. Our animals will become extinct, we won’t have enough food to live on and soon we will start struggling to breathe. Serious damage would happen. So help us and help the world!
For further information contact

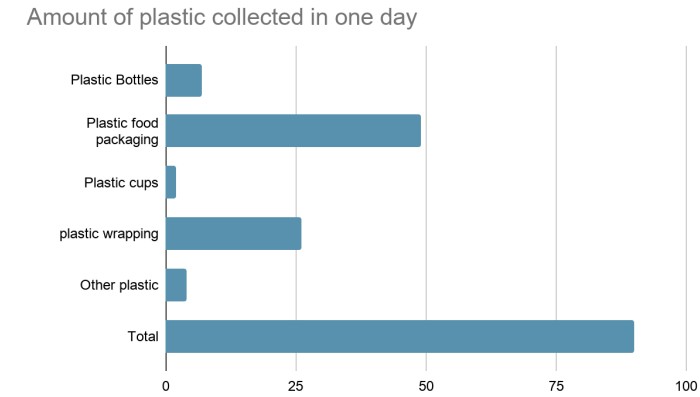
<https://www.greenpeace.org.uk/>
Plastic



Isobel and Polly
Pollution

Plastic pollution is a threat to our sea creatures and plants. Sea creatures think that plastics: bags,bottles and microbeads are food and eat them! Pollution is destroying our world, we need to act now or our animals will die and go extinct.

This report is about how much plastic our school uses in a day and this is our bar chart.



Save our oceans!
Emelia
This article is all about fish and oceans in danger because

most people are overfishing and oil spilling in the seas and oceans which is horrible and mean. The animals are dying because of plastic!

Our oceans are in **DANGER!**, save our oceans.

Our planet's surface is covered by 71%. There are five oceans in the whole planet.The oceans because they are helping us with things such as animals that live under the sea like dolphins, turtles, seahorses, crabs and seals. The plastic in the sea.Drilling for oil and it can spill into the ocean and it poisons the oceans and the animals and then it kills the animals. In 2014 the WWF calculated that the population of wild animals had reduced by more than half since 1970. All of the plankton, seaweed and seagrass make as much oxygen as the forests and grassy plants on earth.The rising temperature of our atmosphere is changing the temperature of our seas and oceans too, wild life can be very sensitive to these changes overfishing and bycatch. Modern fishing can be done simply, with family owned business the Annelies Ileana.At 144 meters long, the Annelies Ileana is one of the world's largest supertrawlers.It is estimated that from 2007 to 2016 between 0.79 and 2.3 trillion fish(790,000,000,000 to 2,300,000,000,000). At 288 meters long the Lafayette is a fish factory on water. The population of Jack Mackbird in our oceans has been reduced by 90% since the 1970’s. This is just one example of how overfishing is reducing the populations of species of fish. Shark fins are getting chopped off and the dead bodies are being thrown back in the ocean. The nets are destroying the coral at the bottom of the ocean. There are different sizes of fish sometimes only 5% of shrimp get caught. Only 7% off the sea is protected.The size and number of fish is getting smaller for every ten large fish that should be swimming in our oceans there’s only one today.They grow fast and have lots of young.



Oceans and forests

Isobel

Oceans and forests have become damaged in the last few years. It has been caused by oil spills, deforestation, plastic and forest fires.



Plastic in the ocean

Plastic enters our oceans and destroys marine life. Every minute a truck load of plastic goes into our oceans. Things like plastic bags, plastic bottles and micro plastic have affected our ocean as well as our animals like the sea turtles, whales, dolphins and sharks, fish and birds. Plastic bags can suffocate these animals. If we don't act quickly, these animals will be in mortal danger.



deforestation

Deforestation is dangerous to our planet because we are losing vital oxygen, we depend on it because trees bring in carbon-dioxide into the world. We are also destroying habitats of animals like the jaguar, the lyrebird, the blue ringed parrot, the orangutan, the sloth and the poisonous dart frog. What have they done to you?



spills



Oil spills are caused when a boat stinks or pipelines in the ocean has bursted. It will cause untold damage if not cleaned up properly. The oil can poison the animals, fish and birds and eventually kill them. It’s a very painstaking job to clean up the animals and birds.

Forest fires



Forest fires can be dangerous because it can spread very quickly. Some people do it on purpose so that they can have farmland but it can also be BBQ and arson. Sometime it can be because the sun reflects on the trees and it can be so strong it can set on fire.

We can save our oceans and stop burning our forests. If we work together we can revive our world!

Revive Our Oceans!!!

Chloe

OUR OCEANS ARE GETTING WORSE:



THEN:



NOW:

OUR OCEANS ARE IN DANGER!

Our oceans are home to amazing creatures. 8/10 of our marine creatures live in our oceans. There are 5 oceans in total with the Arctic as the smallest. As much as we love our oceans, some people don't. Our oceans are in danger and we need to help.

DID YOU KNOW?

That marine is something that relates to the sea.

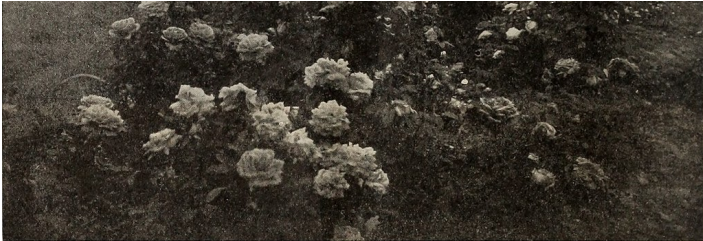
PLASTIC IN OUR OCEANS

It is thought that 32% of single-use plastic ends up in our endless oceans. Our oceans have been destroyed in time as people drill for oil, landfill and more fills our oceans with pollution. Our oceans are precious but we are not treating them with care. They are home to millions of creatures and loads to explore.

OVERFISHING

Overfishing is where fishermen catch more fish than they were intending to catch. They catch coral reefs as they drag

commercial nets across the ocean floors. The ocean floor would look a bit like this:



BY-CATCHING

By-catching is a common problem we have. It is where a fish or other marine species is caught unintentionally while catching other fish and certain sizes of fish. We want to stop but we need your help. Alert common fishermen and tell them the damage they are doing or tell them not to fish in areas where there are growing fish or breeding fish or we will run out.

SAFE SUBSTITUTES

If you needed some safe substitutes,here are some to protect the ocean:

- You could make a bag out of a t-shirt or reuse a plastic bag
- You could use a metal bottle instead of a plastic and keep it in your general transport
- You can use glasses instead of plastic cups

I hope those help you out if you want to reduce plastic items.

Here is a link to Greenpeace,a good website that is very eco:

<https://www.greenpeace.org.uk/resources/turtle-journey-education-resource/>

Eco Meeting Status:

Maya

This year(2020) we are aiming to be awarded our silver certificate as we have now got our bronze. Last week we did many things to help us to achieve it. We took part in Transform Our world which was a zoom week on how to save our planet, which was very interesting and we learnt a lot, this goes under curriculum links. We also made a bog in the wild

space to attract nature which will help us in our action plan under the marine section.

We will be finishing off the bog this week and we can't wait for you to have a look at the wildlife in it.

The Silver Award Checklist:

Step Four: Curriculum links

-At least three examples of curriculum work found that any link to any of the ten Eco-Schools topics.

-Examples displayed on the Eco-board

Step Five: Informing and Involving

-Eco-Board up-to-date

-Eco-Board contains evidence of each of the seven steps.

-School informed of progress through assemblies, feedback from Eco-Committee and other methods.

-Actions involve the whole school and wider community when possible.

Dangers of Our World!

The selfish greed of human beings devastates fauna and flora.

Eva

Today's article is about deforestation. This is one of the dangers of our world. This isn't a natural danger such as earthquakes and tremors rather it is man-made, caused by greed. We have created these devastating troubles. It is astonishing that we don't actually fully understand the destruction this is causing our planet.

Deforestation



Deforestation is one of our worlds travesties. This tragic event is happening all over the world. These forests are home to 80% of the world's plants and animals.

Deforestation is the action of clearing large areas of trees, man deliberately removing these trees. Forests are vital to life on earth. Every second an area of trees the size of a football pitch.

These are just two of the exotic animals that live in the rainforests:



This is the blue-throated macaw. It's a critically endangered species because of deforestation; their habitat is declining by the second. In fact, it was thought for years that this exquisite bird was extinct, until in 1992 a wild population of them were spotted in South America. They live off large palms, such as coconut trees, that are being demolished.



This is the orangutan. We share 96.4% of genes with these apes. They are intelligent creatures. Unfortunately these apes are critically endangered. Mainly because their habitat is declining quickly. These apes depend on forests for survival. Not just

Orangutans and Macaws depend on the forests millions of animals depend on these forests.

If this unnecessary, callous behaviour continues, these animals shall be threatened with extinction or even worse, become extinct!

We can't let that happen, can we? Now, ask yourself what can you do to help stop deforestation? It may be writing a letter or drawing a poster and posting it to your President or Prime Minister. Remember if you want to see these creatures then help stop it because if you don't they won't be here.