

## CO<sup>2</sup> and air pollution

By Ewan and Joel

Climate change is a big thing right now it and is leading to the world getting destroyed. One of the main problems causing climate change is Co2 and air pollution. Read on to find out more....

Why is CO2 bad?

CO2 is terrible a gas going around the world. It hurts the home of the animals and effects us. Here is list of consequences of co2 if we don't stop it now.

- Makes the earth heat up
- The arctic melts
- No where for the artice animals to live
- Rising sea levels
- Coast city's will get destroyed

Hope that you learnt a lot from this article and start helping the world right now. CO2 is terrible and it is damaging the world.

Air pollution is caused by car engines and exhaust fumes. Every year 4.75 metric tons a year. Metric tons are equal to 1000 kilograms.

Why air pollution is bad for the environment

Air pollution does big damage to our environment . Harmful greenhouse gases, for instance, not only pollute our planet, but also contribute to global warming and climate change.

Ways to help stop pollution

Walk or take a ride as much as you can to stop polluting with cars. Use public transport. Carpool to school or work. Buy an electric car.

## De-Forestation

**What is de-forestation? De-forestation is a clearing of forest or a group of trees which is then converted into non- forest use. Sometimes Farmers want the land for farming, the meat, palm oil plantations and sometimes just for the wood.**

**De-forestation affects many countries including Brazil, Peru, Indonesia, Russia and Nigeria. Trees store loads of CO<sup>2</sup>. Trees and other plants absorb carbon from the atmosphere. This is changed into Carbon and is kept in the plant's branches, stalks, leaves, trunks, roots and in the soil around them.**

### Some (not so) fun facts

- 1) It is estimated that within 100 years there will be NO rainforests
- 2) Nigeria was once an expansive land blanketed in trees. But today there is only around 6% left, due to the use of wood for human purposes
- 3) 10 football pitches of forest are cut down every second!

By Kizzy

**Please try to save our Earth**



**HOW TO HELP**  
Ecosia is a internet search engine based in Berlin. Every time someone around the world searches for anything 45 times, a tree is planted somewhere in the world.

Summer 2019

# Tiddler Times

## Welcome to our Summer edition

The idea for this edition came from the year 5/6 homework on environmental issues. The impact humans are having on the earth and what can be done to reduce the damage caused is a topic close to the hearts of our Tiddler times journalists. Our talented newspaper writers have chosen areas they are particularly interested in: Evie on big cats, Joel and Ewan on air pollution, Dara's garden animals, Kizzy's de-forestation information, Anya's fact file on plastics and Ruth and Susannah's article on climate change. So, prepare to be amazed and find out what you can do to make a difference!!

*The team*

## SAVE THE BIG CATS!

By Evie

**Big cats, like snow leopards, need our help. This is because of global warming which melts where they live. However, there are other kinds of big cats like: lions, white tigers, common tigers, and common leopards. I hope this article will make you think a bit more about big cats and how to help them.**

### Lions



**Lions eat what they can. Although they are carnivores, they kill to feed their cubs. To them, cubs are precious in a world where food is scarce.**

**This is a lioness and her cub. Poachers harm and catch some of these lions.**

### Tigers

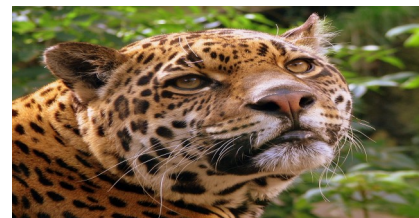
**Tigers also live in a world where food is scarce (hard to catch\find) . Of course, their cubs are also precious. They are also threatened by poachers' cages.**

**Did you know every tiger's stripes are unique? Tigers also fight to protect their cubs.**



### Leopards

**Leopards live in the desert, like lions, but are so strong they can tackle camians! Camians are black crocodiles that are extremely strong.**



### How you can help.

**You cannot help these big cats, but there are some cats you can help. Strays. There are many strays outside you can help. In this picture, there is a stray kitten in the woods you could go rescue. You could also make a " Stray kitten Rescue Team".**





As this term we are doing global matters we are doing climate change for our article. We have all heard of it, but what is it? What causes it? And how do we stop it?

What is Climate Change?

Climate change is the process of our planet heating up. The Earth has warmed by an average 1oc in the last century. This might not sound much but is big for people and wildlife around the world.

Rising temperature doesn't just mean warmer weather (wouldn't that be lovely!), but it also means that the weather will become more extreme and unpredictable. As the temperature rises, some areas will get wetter and lots of and humans could find that they can't adapt to the changing climate.

School Strikes

Many school strikes have been happening lately because they want to stop Climate Change. Greta Thunberg has done lots to try and convince more people to help stop Climate Change. You can help stop Climate Change by walking or cycling, reducing your energy, electricity, water and single-use-plastic usage. This will not stop it completely but it may influence it if many people do this.

TAKE ACTION NOW!

HELPING COMMON GARDEN ANIMALS!

Some people take no care over garden animals even through many of them help our planet. These include:

- Spiders-which eat flies
- Bees- which give us honey
- Worms-which increase air and water in soil
- Snails-which recycle organic matter

You can help these listed garden animals by not destroy common spider webs, not annoy bees so they sting you and die, do not step on defenceless worms, do not squish snails and leave empty shells for other snails to go have a new home.. If you see a suffering bee give it some sugar and water but be careful not to drown it. By Dara



Climate/Climate Change

N	E	P	N	G	P	U	A	U	R	B	A	N	M
B	D	S	R	R	H	U	A	E	M	O	I	B	I
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O	R	A	R	S	U	B	A	R	C	T	I	C	M
T	R	A	D	E	W	I	N	D	S	F	W	P	E
S	N	L	O	M	L	S	T	E	P	P	E	S	R
R	N	N	E	R	A	I	N	F	O	R	E	S	T
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B	P	O	L	A	R	F	R	O	N	T	C	G	U
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V	R	M	U	R	D	L	O	D	I	M	U	H	I
F	O	S	S	I	L	F	U	E	L	S	L	B	T
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TROPICAL  
TRADE WINDS  
RAINFOREST  
DESERT  
POLAR FRONT  
GLOBAL WARMING  
BIOME  
MEDITERRANEAN  
SUBARCTIC  
HUMID  
SAVANNA  
FOSSIL FUELS  
STEPPES  
URBAN  
DOLDRUM

Play this puzzle online at : <http://thewordsearch.com/puzzle/104197/>

Plastics in the oceans

Plastics are practical for uses in daily life. Whether used for carrying shopping items or containing them, this form of packaging is both useful and waterproof. However, where do they go, once deposited of? The answer: in the oceans. Marine life are dying in numbers. This is because they mistake the plastic rubbish for food. They eat it and sadly choke. So how do we stop this? The answers are in this article, along with a lot of useful facts and information.

How do plastics end up in the oceans?

There are three main reasons to why plastics end up in the oceans. These are the three reasons:

- 1) **Littering.** Litter dropped does not stay in the place it has been left. It gets swept away by wind or rain. This litter gets swept into streams or rivers, which causes it to get carried into the oceans.
- 2) **Putting plastics in the bin rather than recycling it.** Plastic that you put in the bin end up in landfill. They will get blown away because plastics are so light.
- 3) **They may go down the drain.** Some products get flushed down the toilet, like wet wipes. These then get washed into the sea (The other things you flush down the toilet end up in a different.
- 4) **The Great Pacific Garbage Patch**

The Great Pacific Garbage Patch primarily collects rubbish from parts of Asia. It lies halfway between Hawaii and California, at an astounding size: 3 times the size of France. It was discovered in 1997,by marine researcher Charles Moore. It has up to six times more plastic than plankton.

Marine life in need

Marine life is in desperate need . An estimated one hundred million die every year. This is because of the eight million ton of plastic that enters the ocean every year. Marine life are at the point of extinction. These are some of the most endangered species:

Sea turtles

Seals

Whales and Dolphins

Sea birds

Fish

How to help

Marine life are dying in numbers and are in urgent need. Charities and eco-friendly groups are encouraging people to reduce the number of plastic. Here are five tips on how to help.

Stop using plastic straws

Use a reusable container to hold take away drinks

Use a reusable bag when shopping

Turn a plastic bottle into something more exciting like a rocket

Encourage other people to stop using plastic

To conclude, by raising the profile of plastic use and wastage through such things as Blue Planet, we could make our planet a cleaner and better place. This could be improved further by keeping the oceans non polluted for years to come.



Thank you for supporting St Leonard's Hospice by buying cakes on the cake stalls.