

Earth



Matters

Working in conjunction with Eco Club.



Welcome to Earth Matters Magazine.

Issue 3

This magazine is written for the children, by the children. It includes the environment issues of today's world, the things that matter to us and outlines the passions we have as a school. We want to become more ecologically minded and to live much more sustainably.

There are fun facts, puzzle pages, serious articles, top tips and much more.

We hope you enjoy reading!

Contents:

Abstract animals

Did you know?

Garden gossip

Know your trees

This issue's land animal- Amur Leopard

Off the beaten track- Forsbrook

Poetry corner

Puzzle page

Top tips- bug hotels

Top tips- air pollution

Our overloaded oceans

Word of the week

Prayer corner



Abstract Animals

This animal doesn't have an ink sac unlike many of its kind as it rarely encounters predators in the deep sea. To move, it uses its ear-like fins to propel through the water and steers using its webbed arms. The largest grown of this species was 5 feet and 10 inches (1.9m) long and weighed 13 pounds

(5.9 kg). However, they tend to be around 7.9 to 12 inches (20-30cm) long.



Quick Fact File

Name: *See answer*

Average Length: *7.9-12inches*

Habitat: *Deep ocean at least 13,100 feet down if not deeper.*

Population Facts: *There is at least 15 species of least this animal.*



The Dumbo Octopus

Did you know?

- **On average, people in the UK throw their own body weight in rubbish away every seven weeks.**
- **The average UK family throws away six trees worth of paper in their household bin a year.**
- **Paper and card make up about a fifth of the typical household dustbin. About half of this consists of newspapers and magazines.**
- **Glass milk bottles are used on average for 13 times before recycling**



Facts by Logan Clay



Garden Gossip

There is something new in our ECO garden it's a hedgehog house!
Make sure you look at it by the bug hotel. Also, we would like to
thank Macie in year 3 for kindly donating it to the school.



SOS

We really need some more gardening equipment so if you are
sorting out your shed or don't use gardening equipment please
remember that we need it.


P.S. Ask your parents before you donate it.



By

- Matilda Adams-Taylor





Know your trees

OAK

Oaks can take 100 years to develop fully and can then live another 900 years. Oak trees can grow to 150 feet (45 metres) high. They have thick trunks and large branches that can spread many metres. The leaves can have rounded, rough, or smooth edges.

By Henry



Land Animal article...

Amur Leopard

The Amur Leopard lives in Asia and Africa and is one of the most endangered land animals in the world. *Panthera pardus*.

People usually think of leopards in the savannas of Africa but in the Russian Far East, a rare subspecies has adapted to life in the forests that make up the northern-most part of the species' range. Similar to other leopards, the Amur leopard can run at speeds of up to 37 miles per hour. This incredible animal has been reported to leap more than 19 feet horizontally and up to 10 feet vertically.

The Amur leopard is solitary (it lives alone). Nimble-footed and strong, it carries and hides unfinished kills so that they are not taken by other predators. They live for 10-15 years, and in captivity up to 20 years. The Amur leopard is also known as the Far East leopard, the Manchurian leopard or the Korean leopard.





Off the beaten track...

Forsbrook CE Primary School's Eco Garden.

The Eco garden has not always existed in it's present state. It was developed from grassed area into its current form as a haven for insects and wildlife as well as a beautiful area for our school community to use.



Check out Teachers TV: The Big Dig on YouTube
to see some familiar faces 😊



Poetry Corner

OUR EARTH IS WONDERFUL,
UNDERSTANDING AND BEAUTIFUL,
REMARKABLE AND WONDERFUL,
EVERYONE LIVES ON IT,
AND WE ALL,
RESPOND TO THE CALL,
OF NATURE'S BEAUTY BUT,
THOUGH WE SOMETIMES DON'T KNOW IT,
OUR HORRIBLE HABITS,





Top Tips

In this issue our top tips will help you to reduce air pollution.

Air pollution

What is air pollution?

Air pollution is when unwanted chemicals, gasses, and particles enter the air and the [atmosphere](#) causing harm to animals and damaging the natural cycles of the Earth.

Natural Causes of Air Pollution

Some sources of air pollution come from nature. These include eruptions of volcanoes, dust storms, and [forest fires](#).

Human Causes of Air Pollution

Human activity is a major cause of air pollution, especially in large cities. Human air pollution is caused by things such as factories, power plants, cars, airplanes, chemicals, fumes from spray cans, and methane gas from landfills.

Effects on the Environment

Air pollution and the release of gasses into the atmosphere can have many negative effects on the environment.

- [Global warming](#) - One type of air pollution is the addition of [carbon](#) dioxide gas into the air. Some scientists believe that releasing too much carbon dioxide into the atmosphere is one of the causes of global warming. This upsets the balance of the [carbon cycle](#).
- [The ozone layer](#) - The ozone layer helps protect us from harmful rays from the sun. It is getting damaged from air pollution such as methane gas from livestock and CFCs from spray cans.
- Acid Rain - Acid rain is created when gasses such as sulfur dioxide get high into the atmosphere. The wind can blow these gasses for miles and then they get washed out of the air when it rains. This rain is called acid rain and can damage forests and kill fish.

What can you do to help?

Anytime you can use less energy, like electricity, it can help reduce air pollution. You can help by turning off the lights when leaving your room and not leaving the TV or computer on when you're not using it. Driving less helps a lot too. Be sure to talk to your parents about sharing car journeys with friends and planning errands so that you can get them all done in a single trip. This saves money on fuel as well, which everyone likes!





Top Tips...

For bug hotels!

There are many different types of bug hotels that can be suitable for gardens big or small. These bug hotels increase the chance of insects visiting your garden.

We have, in our Eco garden, several different styles of bug hotels. The next time you are in the Eco garden take a look and be inspired. Why not build one in your own garden.



Our Overloaded Oceans

The biggest sort of pollution are land based sources such as oil industry, motor vehicles and farms. This is known as 'run-off' and 80% of ocean pollution starts on land.

Thousands of tons of waste is dumped into the ocean on a daily basis.

A whale was found in the Philippines with 88 pounds of plastic in it's stomach- it's terrible!

300,000 dolphins and porpoises die each each as a result of getting tangled in old fishing nets.





Word of the Week

POLLUTION

Pollution means damage to the environment caused by human activities such as: Chemicals used in farming kills insects.

1. 5000 people die every day and 1 million seabirds die from pollution.
2. 3.7 million tons of carbon dioxide emissions by 2030.
3. More than half *a billion* plastic *straws* are used *everyday* around the world.
4. Over half of the world's plastic thrown *out* in 2015 was plastic *packaging*.
5. *Takeout* orders account for around 269,000 US tons of plastic waste.
6. *16 billion* disposable *coffee cups* are used *each year*.

Written by Liam W and Sabian. Yr4 Edited by Holly Yr6





ECO PRAYER.

LORD

We pray that people everywhere become more caring towards the environment.

Help us to take care of the world that we live in and to remember to REDUCE, REUSE and to RECYCLE.

GOD made us kind, thoughtful and ECO friendly so respect GOD and the world he provided for us.

AMEN

BY SOPHIE COLLINS.



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