



22 Edition

Welcome to the latest edition of the St Peter's Green Team Newsletter!!!

We aim to bring you news about what we have been doing, facts and information about climate change, advice on what you can do to help, fun facts and good news stories. We hope you enjoy reading our newsletter and we can help you to think global and act local!

Plastic Waste at St Peter's

By Michal Dobosz

Plastic waste at St Peter's is an ongoing issue which must be thoroughly tackled by students and staff alike. In any grassy area of the site, you are bound to uncover a plastic bottle, or a Walkers crisp packet, or napkins: I could go on. Even in our very own fish pond, there is Maoam wrappers and single-use bottles. These pollutive products have very stable chemical structures, so they take thousands of years to degrade. This is why we need to stop it from coming out of our bins entirely. Whilst we have taken many measures to minimise the pollution, it is not only Green Team's responsibility to be stewards. Every person in our St Peter's community must fulfil our ROCK values to keep our school pollution-free, and to protect the creation of God.

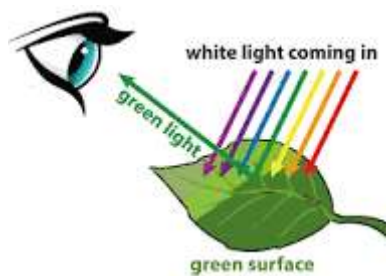
"We must protect creation for it is a gift which the Lord has given us, it is God's present to us; we are the guardians of creation."

Pope Francis

We should be called the purple team!

By Max Cook

Chlorophyll is the thing in plants that absorb light for photosynthesis and makes the plant green. However, there is a common misconception that green is actually good for plants and it represents the eco-friendly movement. If a plant just received green light, it would die since because green light is not absorbed by chlorophyll meaning it is reflected giving plants the green colour. Purple, blue and red light is absorbed best by the chlorophyll but yellow and green could kill it.



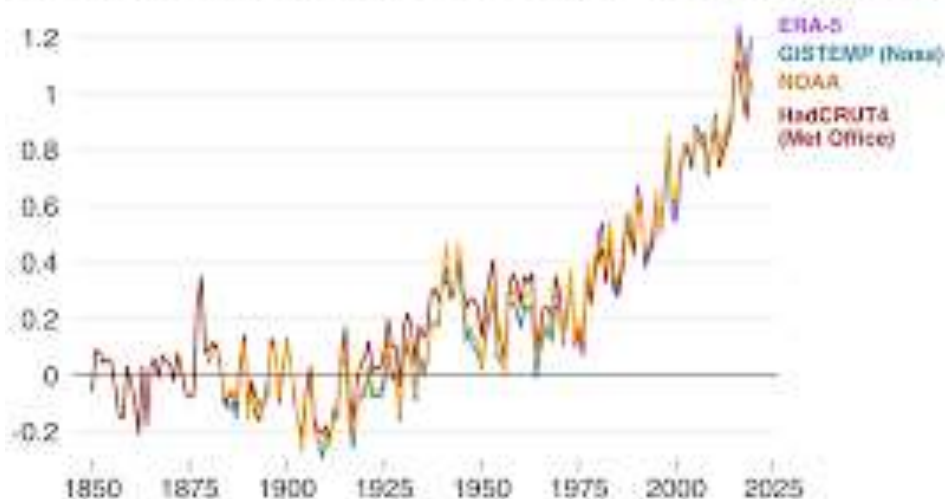
Frightening Fact

By Joel Jeswin

All over the world species are going extinct. This raises a problem, when are we going next? Artic/Antarctic ice disappears making sea levels rise higher and higher. And global warming makes temperatures rise roasting the earth killing all life as we know it. In 2040 the average temperature will be 20C.

Temperature rise since 1850

Global mean temperature change from pre-industrial levels, °C



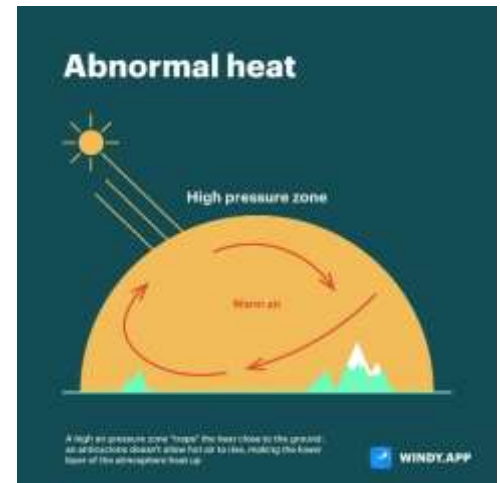
Source: Met Office

BBC

How heatwaves occur:

By JP Maher

We all are aware of the heatwaves that terrorise our summers but do you know how they are created? Heatwaves are generally formed via lots of hot air building up into an area with high pressure that pushes hot air downwards towards the ground what results in hot air becoming compressed. Making the area hotter.



THE JUNGLE

By Joel Jeswin

The jungle covers 3% of the world's land but contains over 50% of the world's animals. Many animals live in the rainforest, all of them adapted to their life in the forest. But of course, the diverse animals and plants are being wiped out by global warming and deforestation.

FUN FACT: THE LION DOES NOT LIVE IN THE JUNGLE BUT IS CALLED THE KING OF THE JUNGLE

Good news story!

By JP Maher

Cheap beavers:

Beavers may lower house prices! Believe it or not but the aquatic beasts who were made extinct within Britain might just make housing cheaper. This is done due to the dam's beavers make what benefit people by managing streams rivers and any flowing stream of water by slowing down or subverting water in case of heavy rain events which could be the difference between breaking its banks or not. This was shown in enclosed trials in 2018 to 2019 and due to this are trying to get a license to be able to release beavers into the environment from the government department for environment food and rural affairs (DEFRA).



THE NEGATIVES OF DUMPSITES

By Lewil Janagap

Dumpsites, are known for the mountains of rubbish.

These large dumps are responsible for 40% of the world pollution, releasing CO₂ (Carbon dioxide)

Approximately 2.01 billion metric tons of trash are dumped annually.

