



**THIS WEEK AT CULTS, WE ARE CELEBRATING**

**EARTH DAY**

**APRIL 22ND**

**LETS LEARN SOME FUN ECO FACTS!**

# 1. DID YOU KNOW THAT AROUND 27,000 TREES ARE CUT DOWN EACH DAY.

The world has over 3.04 trillion trees in the world. However, 27,000 of them are cut down daily to make toilet paper. This translates to about 9.8 million trees annually. One single recycled edition of the New York Times newspaper could save 75,000 tree.



## 2. DID YOU KNOW THAT HUMANS USE ONLY 1% OF ALL AVAILABLE WATER.

About 71% of the earth is water. The oceans hold approximately 96.5% of this water and the ice caps hold about 2%. The remaining water exists in rivers, ponds, glaciers, ice caps, lakes, as water vapor and our taps, among other water bodies. Only 1% of the earth's water is safe for human consumption.



### **3. DID YOU KNOW THAT 78% OF MARINE MAMMALS ARE AT RISK OF CHOKING ON PLASTIC.**

Seventy-eight percent of marine mammals are at risk of accidental deaths, such as getting caught in fishing nets. Plastic bags and other plastic garbage that ends up in the ocean kill over 1,000,000 sea animals every year.





## 4. DID YOU KNOW THAT ANTS WEIGH MORE THAN HUMANS.

The combined weight of ants on the planet is higher than all human beings.  
The world has over 7 billion people, and 100 trillion ants.



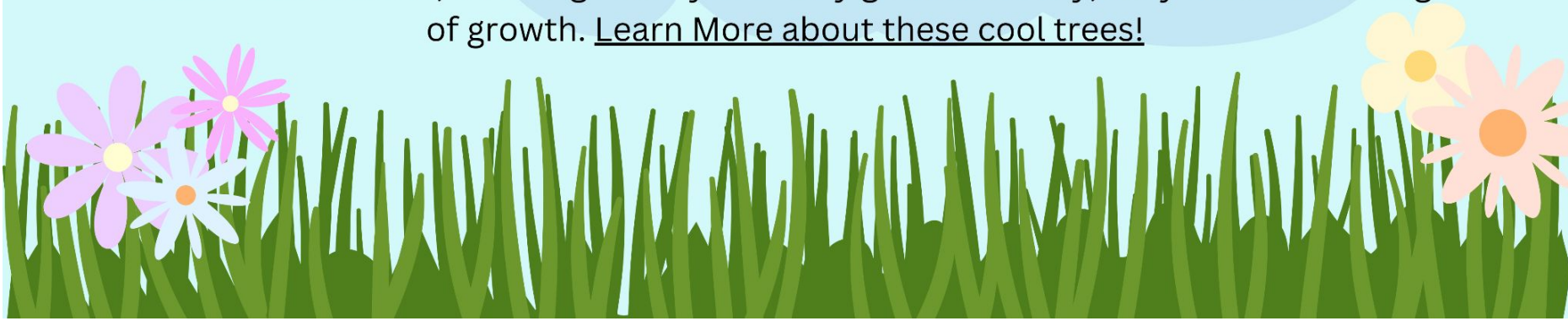
## 5. DID YOU KNOW THAT A GLASS BOTTLE CAN TAKE UP TO 1 MILLION YEARS TO DECOMPOSE.

Glass takes a very, very long time to break down. It can take a glass bottle more than a million years to decompose in the environment, possibly even more if it's in a landfill. This means that glass manufactured and used 5000 years ago may still be present in the environment. Because its life cycle is so long, and because glass doesn't leach any chemicals, it's better to repurpose and reuse it over and over again before recycling it.



## 6. DID YOU KNOW THAT THE WORLD'S OLDEST TREES ARE 4,600 YEAR OLD BRISTLECONE PINES IN THE USA.

The Great Basin Bristlecone Pine (*Pinus Longaeva*) has been deemed the oldest tree in existence, reaching an age of over 5,000 years old. The Bristlecone pines' success in living a long life can be attributed to the harsh conditions it lives in. Very cold temperatures associated with high winds, in addition to a slow growth rate, create dense wood, meaning some years they grow so slowly, they don't add a ring of growth. [Learn More about these cool trees!](#)



## 7. DID YOU KNOW THAT PAPER FROM TREES CAN BE RECYCLED 6 TIMES.

Paper comes from trees and can be recycled a maximum of six times, after which, its fibres become too weak to hold together. [Learn More](#)





## 8. DID YOU KNOW THAT THERE IS A GIANT FLOATING PATCH OF GARBAGE.

The Great Pacific Garbage Patch is a twisting and turning vortex composed of trash and waste. It is twice the size of continental America and contains about 100 million tons of garbage, it stretches from the West Coast of North America to Japan along the Pacific Ocean.



## 9. DID YOU KNOW THAT THE SAHARAN DESERT WINDS FERTILIZE THE AMAZON BASIN.

Despite the fact that the Sahara and the Amazon Rainforest are miles apart, they share millions of tons of dust.

Dust carried from the wind of the Saharan Desert help to fertilize the Amazon Basin, which is the world's most biodiverse ecosystem!

In reality, it's not actually the dust, but the nutrients that it carries, especially phosphorus - which is a key nutrient for plants to grow and survive.



## 10. DID YOU KNOW THAT THE OZONE LAYER WILL BE FULLY-HEALED BY 2069.

The UN's Environment Agency (UNEP) has declared that the ozone layer, the planet's protective shield of gas, is on track to heal completely in our lifetime.

The recovery was made possible due to the phaseout of ozone-depleting substances, showing that if humans work together, we can really save the planet!

