

# World Oceans Day

Revitalization: Collective Action for the Ocean

twinkl



World Oceans Day is held on 8<sup>th</sup> June each year.

This year's theme is  
**Revitalization: Collective Action  
for the Ocean**

We are going to explore how  
the world's oceans support  
millions of lives across the  
world.

**But first why do you think the  
Ocean is important?**



# Did You Know...?

The world has five major oceans. **Do you know what they are?**

- Atlantic Ocean
- Pacific Ocean
- Arctic Ocean
- Indian Ocean
- Southern Ocean

Nearly  $\frac{3}{4}$  of our planet's surface is covered by water. The oceans are a very important part of our world!





# Why Is the Ocean So Important?

The ocean is our source of life.

It supports humans and every other living creature on Earth.

At least half of the world's oxygen is produced by the oceans.

The oceans absorb about 93% of the extra heat from global warming.



# Why Is the Ocean So Important?

Coastal communities need the ocean.

More than 3,000,000,000 people (3 billion!) worldwide rely on the ocean for their livelihoods, the vast majority in developing countries. This includes their daily food, income and other needs.

For these communities, the ocean is their only way of life









# Oceans At Risk

We all need our oceans, but sadly they are at risk in many ways.

Coral reefs are very important ocean habitats. Although less than 1% of the ocean floor is coral reef, 25% of marine animals live there.

**However, coral reefs are in danger. They can go from this...**









# Oceans At Risk



To this...



Dead coral washed up on a beach in China.

Half of the world's corals reefs have been destroyed over the past 40 years because of human activity. **How?**



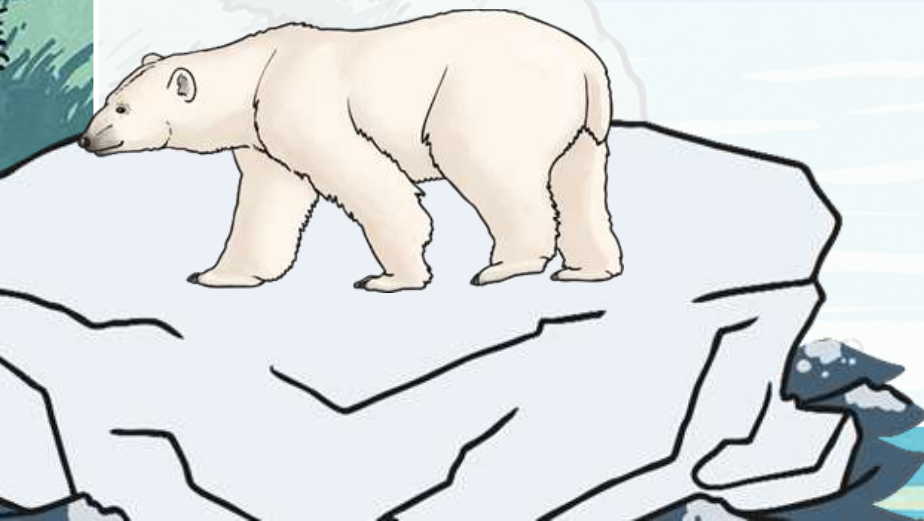
# Climate Changes

The oceans of our world absorb more than 90% of the Earth's heat and help to spread this heat more equally around the globe.

But as global temperatures rise, as a result of global warming from air pollution, so do the temperatures of our oceans. Temperature change can damage coral.

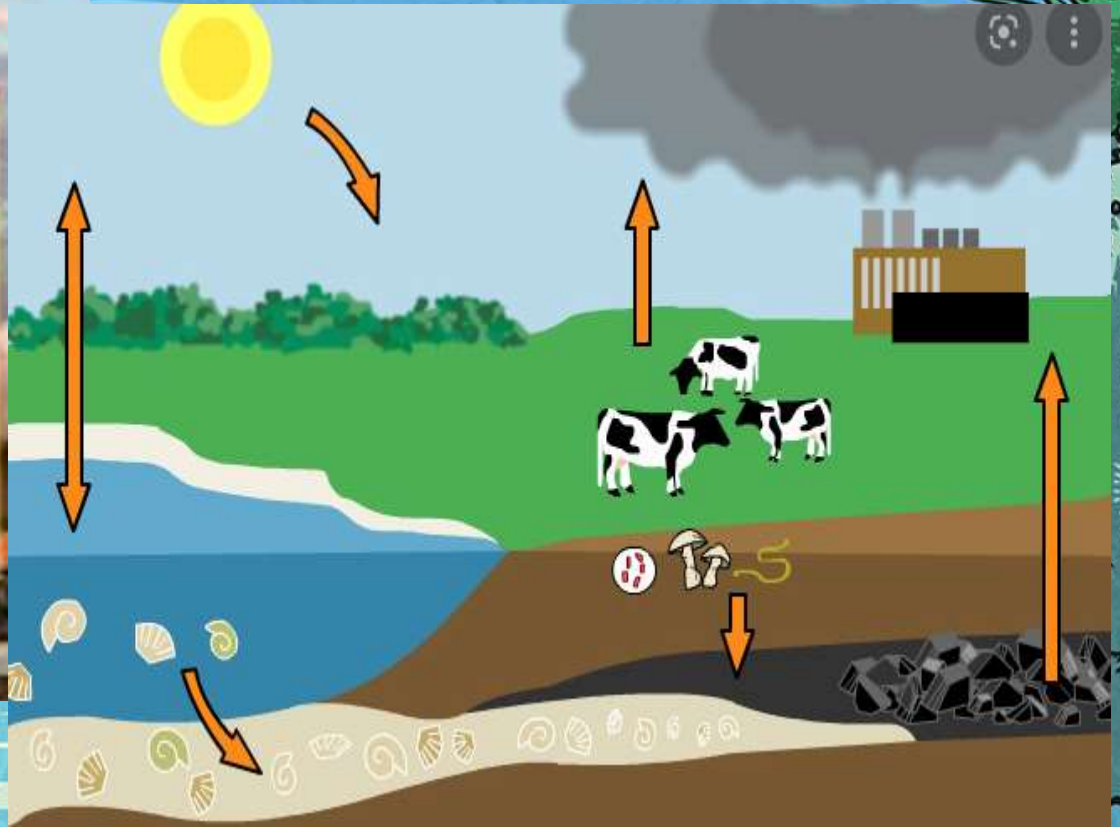


This rise in temperatures have a negative impact on marine habitats and the millions of people who rely on them.





# Burning Fossil fuels affect the acidity of the Ocean water





# Plastic Pollution

It is estimated that up to 14 million tonnes of plastic end up in the ocean every year. That's the same as **one rubbish truck full every minute!**

Plastic causes problems for many creatures in our oceans.

Much of the plastic rubbish in the ocean comes from single-use plastics: plastics that were only used once, such as water bottles and food wrappers.



Plastic lasts hundreds of years so the danger stays around for that long too.





# Oceans At Risk

- Pollution
- Building along the coasts
- Overfishing (fishing too much or too often)
- Warmer water because of climate change
- More acidic water because of climate change



# World Oceans Day 2022

Revitalization: Collective Action for the Ocean

As we've learnt, the ocean connects, sustains and supports us all but sadly it is at its tipping point.

We need to work together to create a new way with the ocean, one that no longer destroys it but instead restores it and brings it new life.

People and communities around the world are coming together to achieve great things. You may have heard of 'The Earthshot Prize'.



*The Earthshot Prize is the most ambitious and prestigious of its kind – designed to change and help to repair our planet over ten years.*







# What Can We Do?

- How could you use less single-use plastic?
- How could you use less electricity?
- Could you change what you eat to help reduce greenhouse gases?

Think about how you can do this at home and in school.

Learn how these communities are affected by climate change and overfishing.

