

# ECO-CHAMPIONS

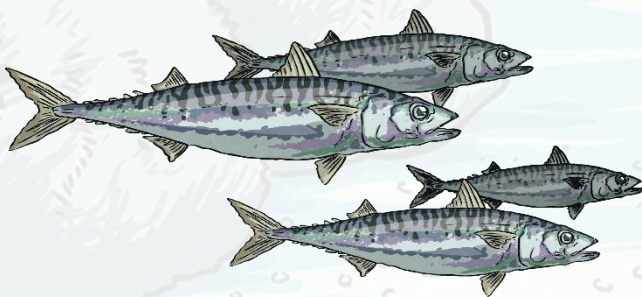
## Marine Team



Help the oceans

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

Let's explore how the world's oceans support millions of lives across the world...



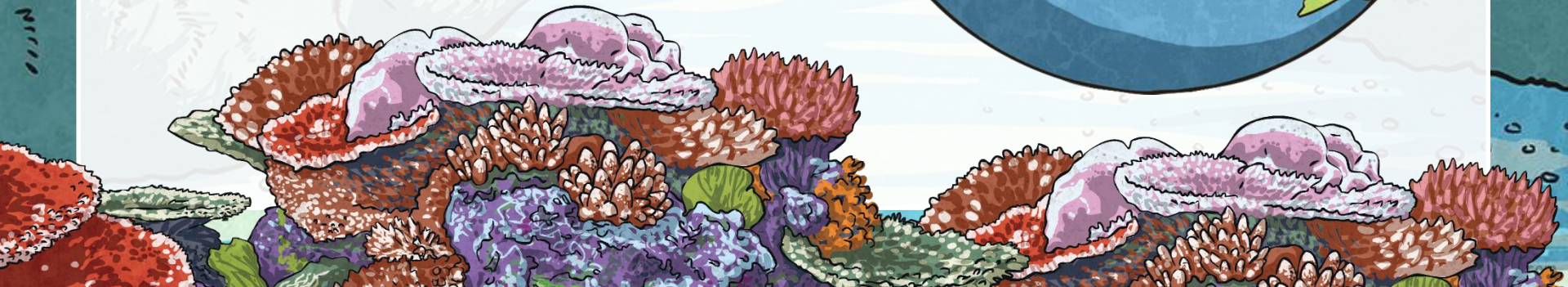


# Did You Know...?

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.

At least 500 000 000 people (half a billion!) worldwide depend on the ocean for their daily food, income and other needs.

For these communities, the ocean is their **livelihood** – 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?**



# 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

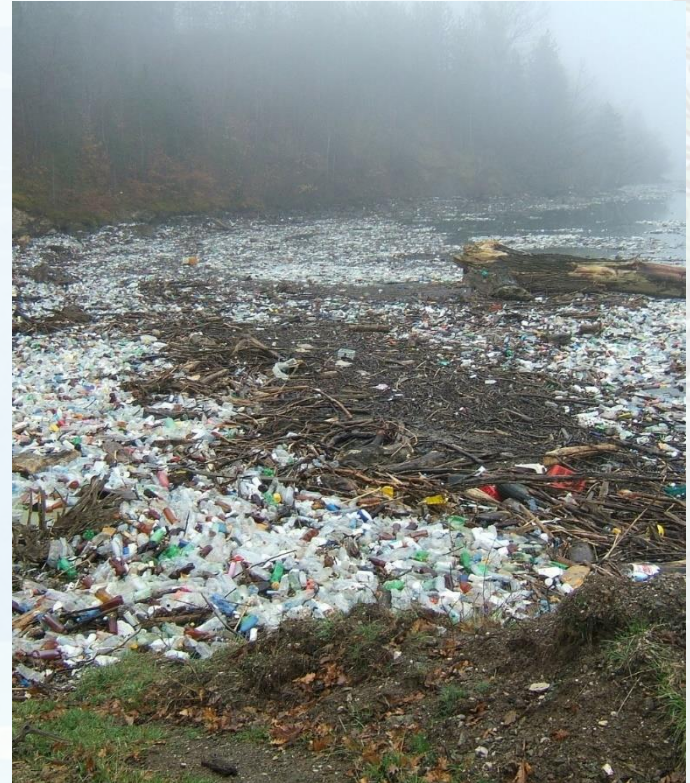


# Plastic Pollution

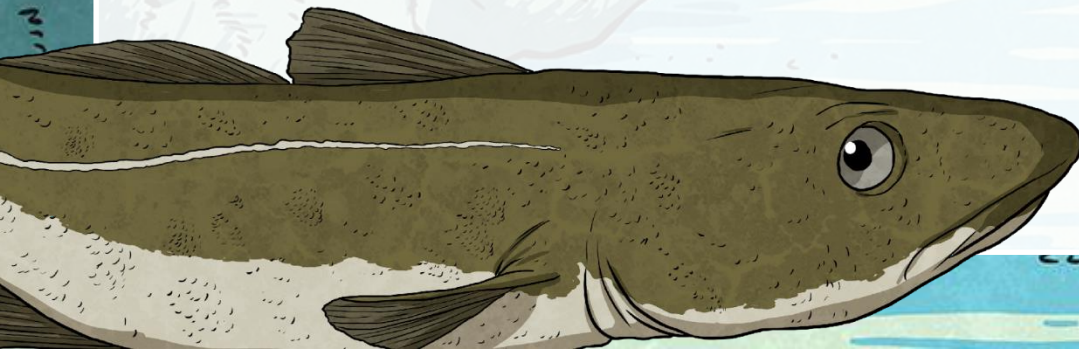
It is estimated that up to 12 million tonnes of plastic end up in the ocean every year. That's the same as **one rubbish truck full every minute!**

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.





# 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.



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

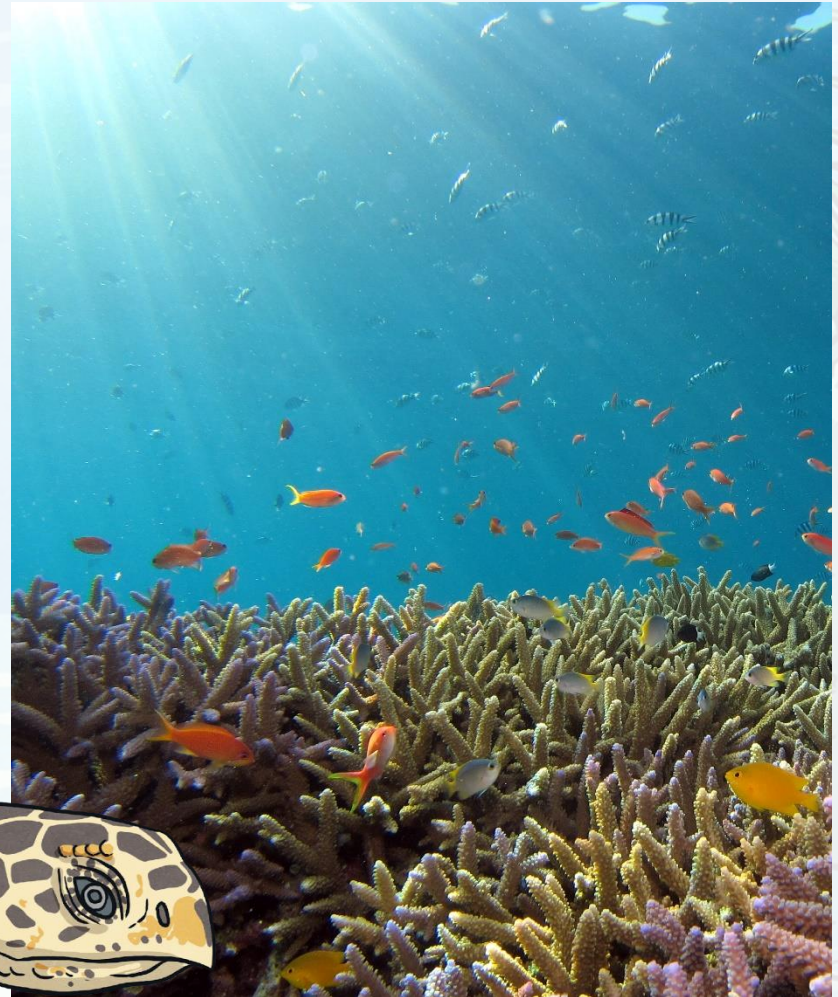




# Revitalization: Collective Action for the Ocean

The ocean is important to everyone. It connects us, sustains us and supports us.

In the past we have begun to learn the importance of the ocean and how every living creature depends on it. We need to work together to help restore existing life and bring new life.





# 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.

Research ocean communities in your country or further away.

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





