

Year 5 - Geography

Together we flourish and grow.

Oceans

What are the threats to our oceans?



Coral bleaching



Overfishing

Why are our oceans suffering?



Plastic pollution



Climate change

I need to know -

- Oceans are important for: trading, providing food and jobs, fun activities, ingredients for medicines, absorb carbon dioxide and warm our planet
- Coral reefs act as a buffer to natural disasters
- Coral reefs are home to a quarter of our marine species.
- We can support a healthy ocean by: avoiding buying single use plastics, recycling plastics, only buying what you need, buying second-hand, teaching others about the oceans, using natural fertilisers in gardens, walking or cycling
- How to plan a fieldwork enquiry and how to collect and present data on the types of litter polluting a marine environment locally.

Key Vocabulary

Ocean current	The movement of a large area of sea water driven by the wind, gravity and water density	biodegradable	When something naturally breaks down and returns to nature
Coral reef	A large rock structure in the ocean formed by corals	Single-use plastic	Plastic only used once and then thrown away
Coral bleaching	A process which turns coral white, losing its colour	acidification	The process of making something acidic
marine	Relating to the ocean	overfishing	The number of fish decreases as a result of extreme amounts of fishing.
threat	Something likely to cause damage	microplastics	Tiny pieces of plastic created from plastic waste

Marine protected area - A designated geographical area of the ocean that is protected and managed.