

Key Vocabulary

Ocean current: The movement of a large area of seawater driven by the wind.

Coral reef: A large rock structure in the ocean formed by corals.

Coral bleaching: A process which turns coral white, losing its colour.

Marine: Relating to the ocean.

Threat: Something likely to cause damage.

Microplastics: Tiny piece of plastic created from plastic waste.

Acidification: The process of making something acidic.

Overfishing: The number of fish decreases as a result of extreme amounts of fishing.

Biodegradable: When something naturally breaks down and returns to nature.

Marine Protected Area: A designated geographical area of the ocean that is protected and managed.

Single-use plastic: Plastic only used once and then thrown away.

THE POWER OF WATER

Key Questions

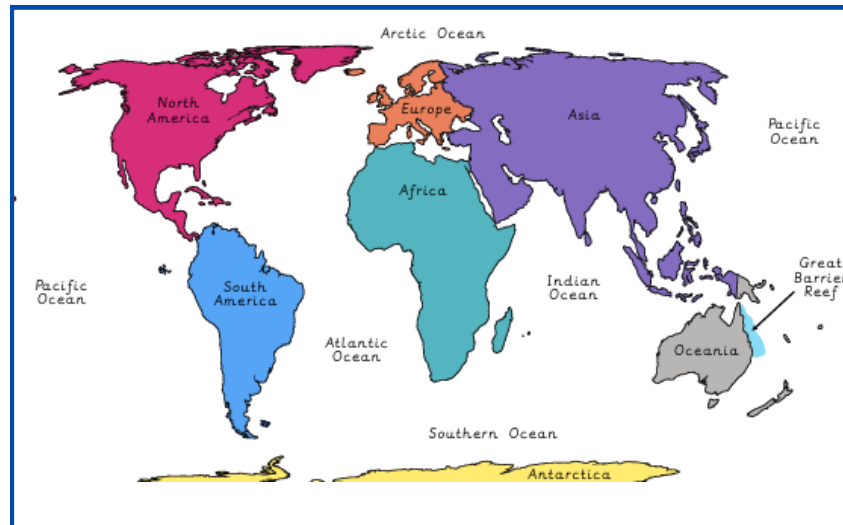
How do we use our oceans?

What is the Great Barrier Reef?

Why are our oceans suffering?

What can we do to help our oceans?

How littered is our marine environment?



Key Knowledge

Why are oceans important?

- They are used for trading between countries.
- Ocean currents influence our weather.
- They provide food and jobs.
- They are used for fun activities.
- They give us ingredients for medicine.
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- They 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.

Ways to support a healthy ocean:

- Trying to avoid buying single-use plastics.
- Recycling any plastics where possible.
- Only buy what you need.
- Buying second-hand.
- Re-using or re-purposing items.
- Teaching others about the ocean.
- Only buy the seafood you need.
- Trying to use natural fertilisers in gardens.
- Walking or cycling if you can

This term, we are reading:



Science

In **States of Matter**, we will learn about solids, liquids and gases, exploring their properties and how materials change state. You will investigate melting, freezing, evaporation and condensation, link changes to temperature, and apply learning to everyday contexts such as water, the weather and practical investigations.

Music

Writing

Suspense and Mystery
We'll learn how to make your writing exciting by building tension and atmosphere, keeping the reader guessing.

Persuasion

We'll learn how to write to persuade others, choosing the right words and ideas to suit different people and reasons, such as encouraging or convincing an audience.

RE

Our topic this term is titled 'Why do Hindus want to be good?' This unit covers key Hindu concepts about life, death and rebirth. Children will have the opportunity focus on different views about life after death and make comparisons to other religions.

Computing

Online Safety

You will learn how to stay safe online by protecting personal information, recognising risks, being respectful online, and knowing what to do if something worries them.

Maths

We will be learning about formal methods for Multiplication, Addition and Subtraction.

Art and Design/DT

Eating seasonally

We will learn what seasonal food is and why it matters. You will explore where food comes from, how seasons affect availability, and the benefits of eating seasonally. You will design, prepare and evaluate a simple dish using seasonal ingredients, considering health, sustainability and taste.

PSHE

Keeping safe

We will learn how to keep safe in different situations. Our learning covers risk, safety rules, online and offline safety, trusted adults, managing peer pressure, and knowing how to get help. You will develop confidence to make safe choices and protect your wellbeing.