

Year: 3 and 4 Cycle B

Key Facts:

- An ocean is a large body of saltwater.
- Oceans cover 71% of the Earth's surface.
- There are 5 oceans but they are all connected. They are the Pacific, Atlantic, Southern, Arctic and Indian.
- The nearest ocean to the UK is the Atlantic Ocean.
- The Pacific Ocean is the largest. The Arctic Ocean is the smallest.
- The deepest point of the ocean is the Challenger Deep in the Pacific Ocean. It is more than 10km deep.
- Humans have only explored 5% of the world's oceans.
- Seas are generally smaller than oceans and are often found where oceans meet land.
- Oceans and carbon sinks. This means it absorbs a lot of the carbon dioxide released into the atmosphere.
- Oceans are under threat from pollution.
- Oceans are important transport routes.
- The depths of the ocean are split into 5 layers.
- There are many human benefits of the ocean including recreation, medicine, food, transport and leisure.



Oceans



Enquiry Question:

Why are the oceans so important for life on Earth and how can we better protect them?



Term: Summer 2

Glossary:

Ocean	An ocean is a huge body of salt water. They contain almost 98% of the Earth's water.
Biodiversity	Biodiversity is the rich variety of life on Earth.
Coral reef	Coral reefs are massive structures in the sea are one of the most important habitats. They are home to 25% of marine species.
Climate change	A change in average weather conditions over a long period of time. Scientists have observed that the Earth is getting warmer.
Atmosphere	The atmosphere is the layers of gases that surround the Earth. It is very important because it keeps us all alive. All living things and plants on the planet need the atmosphere to survive.
Pollution	Pollution is when harmful materials are in the environment. This might be gases, chemicals or plastic.
Greenhouse gases	Greenhouse gases are gases in Earth's atmosphere that trap heat. The main greenhouse gases are water vapour and carbon dioxide.

Key Questions:

- How do the oceans benefit humans?
- What animals live in the ocean?
- How deep is the ocean and what life is down there?
- Why are the oceans under threat?
- How can we better protect the oceans?

CLASSES 3NI, 3KL, 3/4 CB 4BC, 4VG

Homework to be completed and returned by **19th July.**

Dear, pupils, parents and carers,

Our topic this half term is Oceans. We will be learning about the layers of the ocean and the different creatures that live there, the benefits to humans and how to protect our oceans.

Spelling

Don't forget spelling rules for your Spelling words will go home with you Friday for your test the following week!



Maths

Remember to revise your **time tables**.

Practice the **number facts** you are working on each week. You will be tested on these!

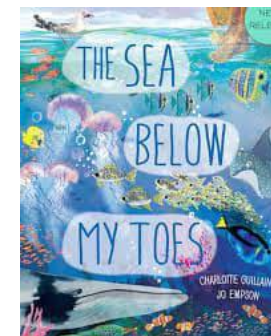
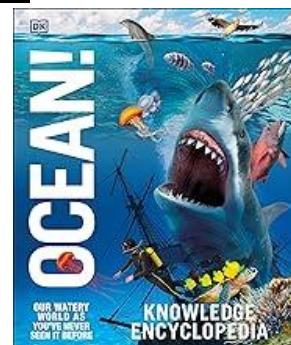
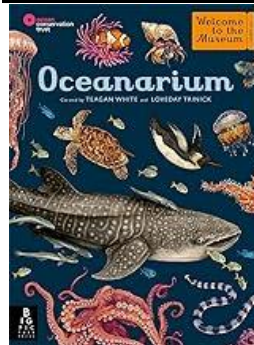
And please don't forget to log onto **Times Table Rock Stars!**



Places to Visit:

- London Aquarium
- The National Maritime Museum
- Natural History Museum
- Science Museum – 3D Under the Sea film
<https://www.sciencemuseum.org.uk/see-and-do/under-sea-3d-u>

Recommended Reads:



Home Learning Links:

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zkr8jsg#z22pf82>

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zvsp92p>

<https://www.youtube.com/watch?v=zGtemTLAjCw&pp=ygUKb2NIYW5zIGtzMg%3D%3D>

<https://www.youtube.com/watch?v=HQTUWK7CM-Y&pp=ygUKb2NIYW5zIGtzMg%3D%3D>

Homework:

Over the next few weeks you could complete some of these activities or make some up of your own. You can upload anything you do to Google Classroom or use your scrap book and we will share it in class.

WRITING

1. Write a fact file about a sea creature of your choice.
2. Find out how single use plastics are affecting the oceans.
3. Make a poster to encourage people to stop polluting the oceans.
4. Write a persuasive letter to an MP asking them to do more about plastics in the oceans.

ART

1. Paint a seascape
2. Make a mask of a sea creature of your choice
3. Create an ocean collage.