

START

**Main topic) Cross-curricular Learning Links**

The whole half term's curriculum is based around the ocean.

LINK

National Curriculum Aims:

- Asking relevant questions and using different types of scientific enquiry to answer them
- Recognise that living things can be grouped in a variety of ways
- Recognise that environments can change and this can sometimes pose dangers to living things
- Make connections, contrasts and trends over time and develop the appropriate use of historical terms.
- Devise historically valid questions
- Construct informed responses that involve thoughtful selection and organisation of relevant historical information
- Understand how our knowledge of the past is constructed from a range of sources
- To develop chronology of history (eg. Timelines)

LINK

My Writing

This half term the writing will be focussed on the story of the Titanic. They will be writing diaries from the perspective of one of the people present on the ship: the Captain, third class passenger, second class passenger and first class passenger. They will be discussing how the event impacted the different people on the boat and how their 'class' impacted their escape.

LINK

Science

This half term the children will be developing their knowledge of rocks and fossils. They will be studying how the environment has changed over time and how fossils provide information on living things that inhabited the Earth long ago. They will be investigating the properties of rocks and how these create different types of soil.

Are there fossils in the ocean?

How have dinosaur remains been found? How have these discoveries influenced science?

What impact do ships have on the ocean environment? What impact do humans have on the ocean?

LINK

Maths

- Decimals  
Finding decimal equivalents to fractions and round decimals.
- Measurement – money  
Solving problems involving money.
- Time  
Build knowledge of time and convert between units of time. Build confidence moving from analogue to digital clocks, reading and writing the times shown on them.

History

The children will be investigating how oceans have been explored throughout history and who made the most influential discoveries. We will be exploring the shipwreck of Titanic and its history.

Art and Design

This half term we will do mosaics. We will explore what mosaics are and how they are formed. We will design, make and evaluate a mosaic of a sea scene which will include animals we have classified in our science lessons.

LINK

Music

Explore sound and beat in different types of music  
**How did the music differ between the classes on the Titanic?**

RE

How do religions and beliefs respond to global issues of human rights, fairness, social justice, and the importance of the environment? **Did all the passengers have access to their human rights?**  
We will also be looking at salvation

Geography

This half term the children will be exploring the key aspects of the water cycles and rivers across the UK. They will also be exploring the coastlines of the UK and how they have changed over time.

- Using atlases, globes and maps to locate the different features



Y4  
Spring 2  
Ocean Exploration

