



Are you a **Home Explorer?**

- Visit Chessington garden centre to see the tropical fish
- Visit a beach and observe how the sea moves
- Write a thank you card to the RNLI

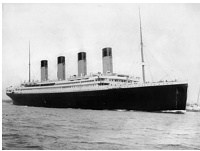


Ready to **Launch...**

Create a tropical aquarium



# How powerful is the sea?



**Wow moments**



- Visit to London Sea-Life centre
- Design and make a working lighthouse



**Expert knowledge:**

- World's five oceans: Pacific, Atlantic, Indian, Southern and Arctic.
- Surrounding seas of the UK: English Channel, North Sea, Irish Sea and Atlantic Ocean
- Titanic was the largest ship ever built and was built in Belfast
- Titanic means extremely large
- Titanic hit an iceberg on 14th April 1912 and sank on 15th April 1912
- Maiden voyage means first long journey by sea or in space
- Grace Darling is a young heroine who risked her life to save 9 people

Time to **celebrate!**

Sharing our working lighthouses in a showcase.



## English:

- Use co-ordinating and subordinating conjunctions to vary sentence structure
- Use adverbs to add information to sentences
- Develop and use ambitious vocabulary
- Plan, write and publish a narrative based on a well known character
- Write and publish a letter as a passenger on board the Titanic

## Science:

- Classify different sea creatures using an identification key
- Identify the features and animals of the following ocean habitats: coral reef, open ocean, rockpools and sandy bottom
- Explore how different creatures have adapted to their habitat in order to survive

## D & T:

- Investigate the purpose and history of lighthouses
- Design and make a lighthouse which meets the purpose
- Create a simple electrical circuit with a switch that will light a bulb

## RE:

- Learn why Jesus told parables and identify the key messages 'important truths' in familiar parables

## PE:

- Learn how to hit and stop a hockey ball with a hockey stick in small games
- Develop travelling, jumping and balancing movements in gymnastics

## Computing:

- Create an information slide about a sea creature using the tools of a presentation program

## History:

- To discover why the Titanic was such an important ship.

## Geography:

- Name and identify the world's five oceans
- Name and identify the surrounding seas of the UK
- Identify physical and human features of two differing coastal areas

# How powerful is the sea?

## Maths:

- Add and subtract numbers using concrete objects, pictorial representations and mentally, including: a 2 digit number and ones; a 2 digit number and tens; adding three single digit numbers
- Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems
- Recognise and use symbols for pounds (£) and pence (p) and combine amounts to make a particular value
- Find different combinations of coins that equal the same amounts of money
- Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change

## PSHCE:

- Recognise what makes us all unique and what it feels like to belong to a community
- Understand the principles and benefits of democracy
- Understand the key factors of being safe at the beach and around water
- Develop an understanding of our responsibility to protect our oceans and the impact on the wildlife if this is not done

## Art:

- To create pencil sketches focusing on the shadows of shells
- To experiment with water colours and pastels when recreating the sea
- Use clay to create sea creatures