

Science: Uses of everyday materials - (Floating and Sinking)

Changing Shape

I can explain how the shapes of objects made from some materials can be changed.

Floating and Sinking

I can investigate objects that float and sink.
I can predict whether an object will float or sink.
I can begin to explain why different objects float and sink.

Changing Shape - Why do ships float?

I can change the shape of objects to make them float.

A Ship that floats

I can make a ship that floats out of a range of materials.

How strong!

I can investigate how strong my ship is.
I can predict how much weight the ship can hold before sinking.

Design Technology: Ship making

I can make a plan.
I can make a ship that floats.
I can choose and shape materials that will float.
I can use tools safely.
I can evaluate my ship.

Construction Kits

I can make a ship out of constructions materials.

Art - The Titanic

I can use charcoal to create a sketch of The Titanic
I can use charcoal to create light and shade.
I can use paint to create different shades of blue to create sea.
I can draw The Titanic using lines and shapes.
I can paint with different sized brushes with care.
I can mix paint to create different colours.

English: The Titanic

Class Book - I was there - Titanic

Writing Outcomes:

- Write a letter home to loved ones.
- Write a newspaper article reporting on the disaster.

SPAG links:

- Read, Spell and use suffixes - est, ly, er, ment, ful (Yr1 ed, ing, ly, er with no change to the spelling when added).
- Use a range of joining words to develop sentences.
- Punctuation (capital letters, full stops, exclamation marks, question marks, commas in lists, apostrophes).
- Identifying adjectives and adverbs in text and using them in their writing.

History/Geography:

The Disaster that shocked the world.

- Study of ships 100 yrs ago and life on board.
- Study of the Titanic and the Disaster that shocked the world.

Ships through time

- I can find out the different ways in which ships have changed from past to present.

All board the Titanic

- I can recall facts about the world's largest ship liner in 1912.
- I can describe the route the Titanic took.

The disaster that hit the world

- I can sequence events in order of time.
- I can explain what an iceberg is and why they are so dangerous.

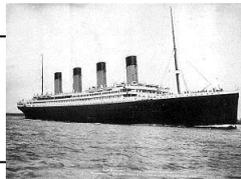
Why did the Titanic sink?

- I can explain why and how the Titanic sank.

Changes made due to the disaster

- I can explain what changes happened due the Titanic Disaster.

The Titanic Willow - Year 1 & 2



Maths Links

Measures - Geography and Science -

- Temperature and Capacity (floating and sinking).

Time - History -

- Sequence events according to day and time.

Direction - Geography -

- Use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map.

Music:

- Children will compose their own 'sea' tune using a selection of tuned and un-tuned percussion instruments.
- Children will learn some songs related to the sea.

Willow
Miss Margetson

Computing: Algorithms

Give commands to Bee Bots to navigate the open seas and avoid icebergs.

- I can give and follow an algorithm to turn left and right.
- I can give and follow algorithms to make half and quarter turns.
- I can give and follow algorithms using commands right 90 and left 90.
- I can give, follow and complete an algorithm.
- I can use recognised language in an algorithm.
- I can create, test and debug an algorithm.

Additional: Paint a Picture - Titanic

- I can use 2paint a picture to produce a picture of the Titanic.
- I can save my work in my folder.
- I can find my work in its folder.
- I can print my work.