

Science: The Titanic



Key Vocabulary

Buoyancy
Density
Floating
Hypothermia
Iceberg
Sink
Thermal Insulation
Upthrust

Overview

In this unit children use science to link to a historical event in context; the sinking of the Titanic. This topic is based around applying the working scientifically skills that they have learned so far in their science lessons, to explore some of the scientific concepts behind the Titanic, e.g. floating and sinking.

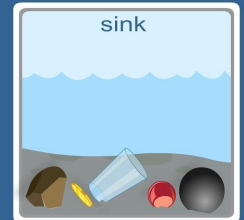
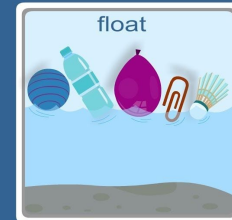
Key Points of Learning (RAG at end of each session)

- To describe what happened in a comparative test.
- To carry out repeat readings and graph data.
- To link changing the shape of the plasticine and foil to how successful their boat was and talk about if repeat readings were required.
- To describe the sequence of events explaining how and why the Titanic sank.
- To talk about how the temperature of water changes over time due to the temperature of the iceberg.
- To carry out a fair test, produce a graph and use results to draw conclusions about which material is the best thermal insulator.
- To use knowledge of materials to make and test a life jacket

Questions I want to Investigate now ...



FLOATING & SINKING



Useful Websites

<https://www.bbc.co.uk/bitesize/clips/zc78q6f>
[Floating and Sinking](#)