

Year 6 Science Knowledge Organiser

Term: Summer 2

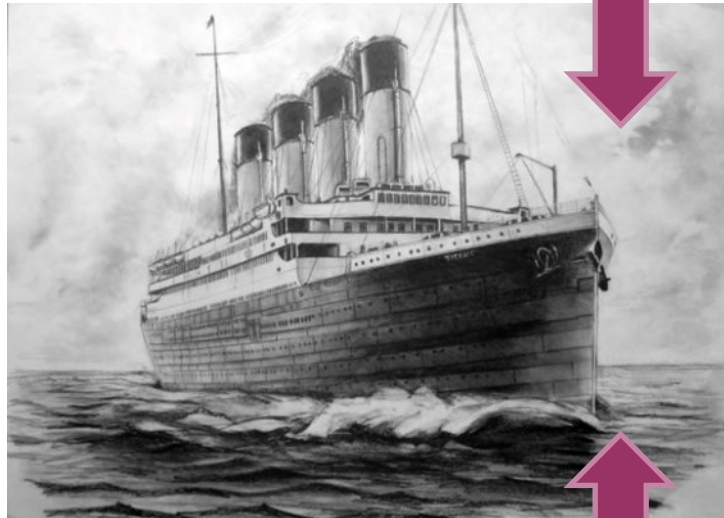
Titanic

Key vocabulary

buoyancy	The ability of an object to float in water.
density	How much matter ('stuff') an object has to its volume.
floating	When an object stays on the surface of a liquid.
hypothermia	A condition which occurs when there's a dangerous drop in body temperature.
iceberg	Large pieces of ice broken off from a glacier or large areas of floating ice.
sink	To descend below the surface of water.
thermal insulation	A material that decreases the flow of heat from a hot area to a cooler one.
upthrust	The force that pushes an object up and makes it seem to lose weight in water.

Floating, sinking and density

In high school, you will begin to look at floating, sinking and density in more detail. In this topic you will begin to develop and explore some basic ideas.



Gravity was the force acting down on the ship.

Upthrust was the force pushing the ship up. The ship's buoyancy gave it the ability to float on the water.

The Titanic

On 15th April 1912, the Titanic carried over 1,500 people to their death in the ice-cold waters of the North Atlantic. She was referred to as 'the ship of dreams' as she was the most luxurious liner of the era.