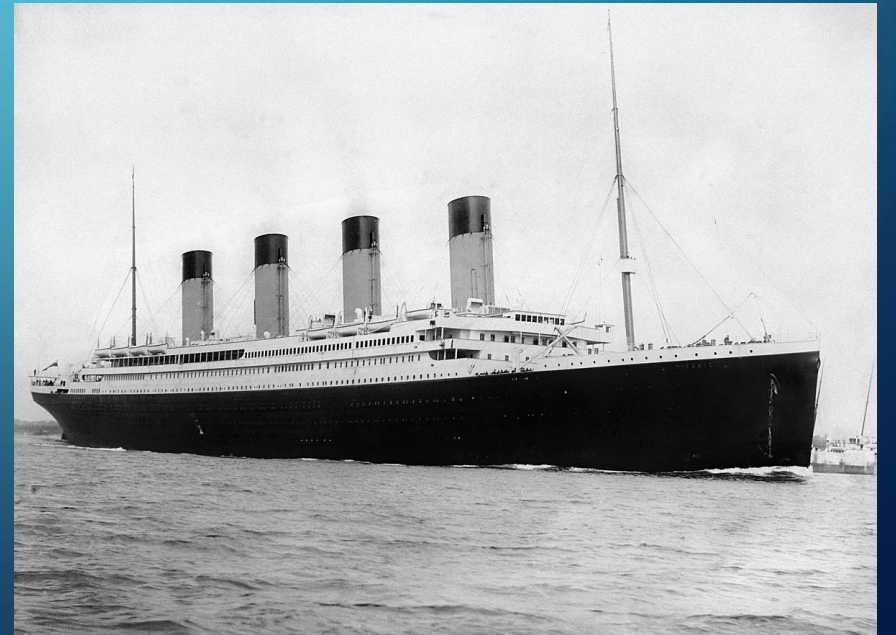


TITANIC



HOW WAS THE TITANIC BUILT?

<https://www.bbc.co.uk/bitesize/topics/zhnkjhv/articles/zfcdqhv>

- Watch the videos
- Absorb the information
- Write key details on your whiteboard

HOW WAS THE TITANIC BUILT?

- The launch of Titanic was the peak of Belfast's **golden age of shipbuilding**. Titanic was the largest man-made object ever to have taken to the seas.
- Harland and Wolff employed thousands of men, with **over 15,000 working on Titanic**. Many jobs involved working with steel including welders, riveters, platers and plumbers. Carpenters worked with wood to design things like cabinets and staircases, while architects designed the ship in their offices.

HOW WAS THE TITANIC BUILT?

- Titanic was built in a graving or **dry dock**. This is a large enclosed dock with all of the water taken out so that workers can easily move around the outside of a ship. Harland and Wolff had three of them - Hamilton, Alexandra and Thompson. **Thompson Dock** was the largest and was designed to accommodate Titanic. You can still visit it today.
- The architect of Titanic and its sister ships Olympic and Britannic was Alexander Carlisle. The designer was born in Ballymena and is generally thought to have been responsible for much of the internal design of the ships. Having retired in 1910, Thomas Andrews took over from Carlisle and died on board its maiden voyage.

- Coal was the fuel used to power Titanic's engines but before they could be fired up, workers used **22 tonnes of soap to make sure it could slip into the water smoothly.** Titanic weighed over 24,000 tonnes when it was launched. It weighed much more when it was fully fitted and all passengers were on board, making it one of the **largest man-made structures of its time.**
- Two rockets were fired to signal the launch of Titanic but there was no big ceremony that we're used to seeing nowadays. It took Harland and Wolff around three years to finish the ship but only 62 seconds for it to slide off the slipway and into the water.
- The launch was a momentous occasion for the city of Belfast. It was **attended by over 100,000 people** and interest was so great that people gathered wherever they could get a vantage point so that they could catch a glimpse of the ship before it set off.

FACTS AND FIGURES

<https://www.bbc.co.uk/bitesize/topics/z8mpfg8/articles/zng8jty>

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FACTS AND FIGURES

- Titanic was the biggest and most luxurious passenger ship of its time. It was **269 metres long, 28 metres wide and more than 53 meters tall**, which is the same height as Nelson's Column in London and Belfast City Hall.
- It had ten decks, three engines and its furnaces burnt through over 600 tonnes of coal. 175 'firemen' shovelled the coal by hand and worked in shifts 24 hours a day. Although Titanic had four funnels, only three were functional - the fourth one was just for show.
- Titanic's full title was **RMS Titanic** as it was a Royal Mail ship carrying nearly 3500 sacks of mail including all sorts of letters and packages.

- Titanic's construction cost was **£1.5 million**, which is around £170 million in today's money. It took around three years to build. The wages of those on board varied greatly depending on position - Captain Smith earned £105 per month (about £11,000 today) whereas a stewardess earned £3 10 shillings per month (around £375 today).
- There were **2200 people** on board Titanic on its maiden voyage. **1300 passengers** and **900 crew**. The ship wasn't full and could have had another 1100 people on board.
- Titanic was a luxurious ship and tickets were expensive. A third class ticket cost around £7 in 1912 which is nearly £800 in today's money. A second class ticket cost around £13 or nearly £1500 today and a first class ticket would have set you back a minimum of £30 or more than £3300 today.

SIZE COMPARISON TO A MODERN DAY CRUISE SHIP

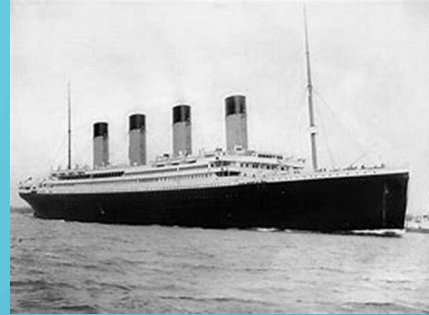


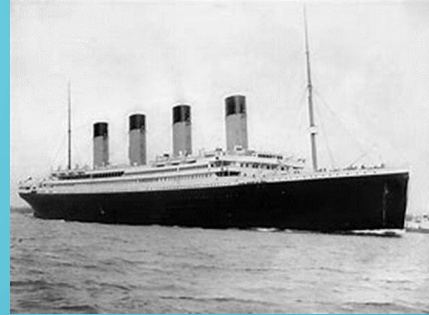
TITANIC TOP TRUMPS

MAKE YOUR OWN TOP TRUMP CARD
DISPLAYING INFORMATION ABOUT THE
TITANIC.

USE 4 PIECES OF INFORMATION WITH
THEIR ANSWERS ON THE RIGHT HAND
SIDE.

INCLUDE SOME FUN FACTS AT THE
BOTTOM.



	
Length (metres)	
Height (metres)	
Top speed (mph)	
???	
<u>Fun Facts</u>	

