

Design and Appearance

This factsheet and activity is about ship design. We would like you to think about what a vessel looks like and the task it has to perform.

Will you accept the challenge to be your own ship designer !

**Ship 1 - RMS Titanic
(passenger liner and mail ship)**

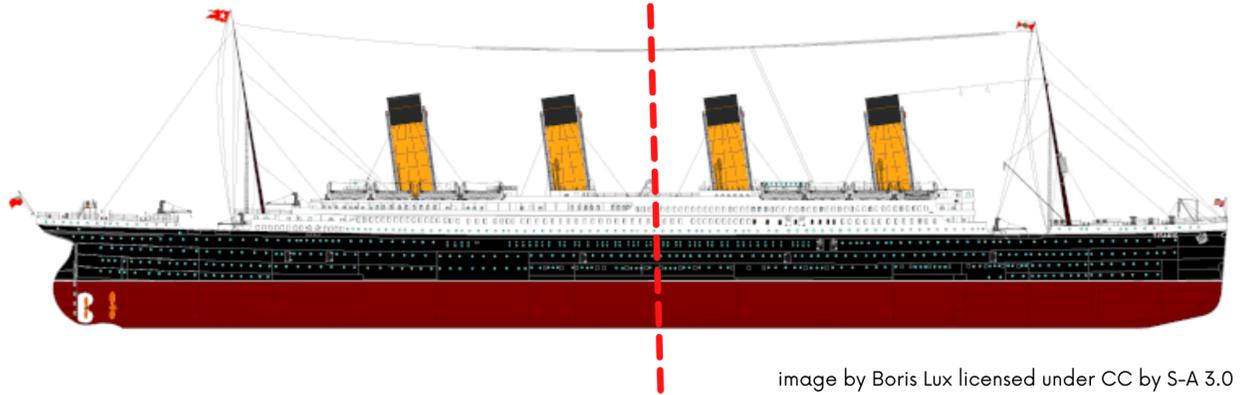
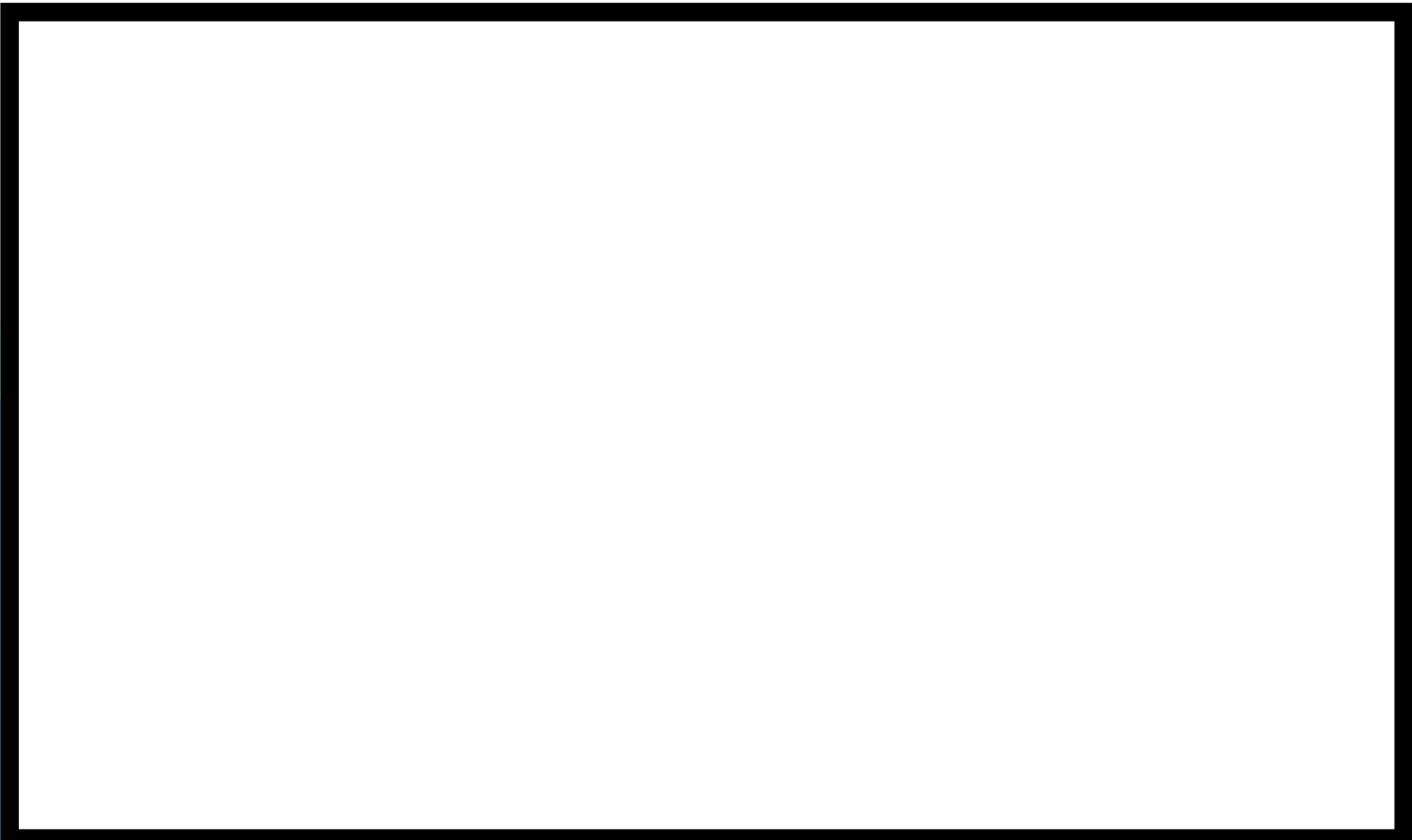


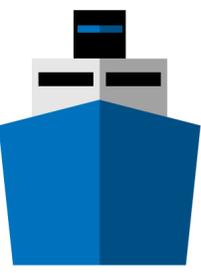
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The Titanic was launched in 1911 and was the largest ship afloat at the time. Although you can see that Titanic had 4 funnels, in fact it only 3 were linked to the boiler exhaust and the fourth helped with ventilation. The ship designers also did this to make Titanic look more pleasing and symmetrical. Do you think it is important for a cruise ship like the Titanic to look nice - why? Can you search for other images of ships that have symmetry in their design and draw or stick them in the space below.



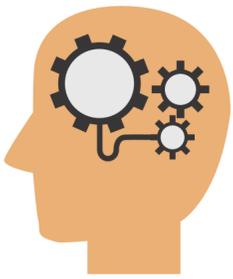


Ship 2 - Maersk Line (cargo ships)



Cargo ships are built to take lots of items all around the world and because of this they are truly massive ships. This means it takes a lot of fuel to power them and they are slow due to their size.

As the ships have to travel in rough seas and carry cargo they are designed to twist and bend slightly. This helps the vessel manage the waves and sea currents hitting it from all directions. What do you think might happen to the ship if it was not made to flex?



Challenge - Design a ship



You have been given some examples of how the design of a ship can change depending on what function it has. It's now up to you to design your own ship. Will it carry people, cargo or both?

We would love to see your designs, you could share them with us on social media or email the address below !