

Wednesday 17<sup>th</sup> June 2020

LI: To use test results to make predictions and set up further comparative and fair tests

*You will need:*

- *Chalk*
- *A bowl of water*
- *Inflated balloons of different sizes*

1. Write down what you think will happen when the balloons are placed on top of the water and why.
2. Place one balloon at a time on the water. What happens when you push down on the balloon? Which size balloons were harder to push down? Why is that?
3. **Watch the video at the link below.**  
<https://www.bbc.com/education/clips/zc78q6f>
4. Write down your observations.
5. Can you find other items within your home that would have similar results? What do you need to do to make it a fair comparative test?

You could convert these measurements to metres and centimetres. Then grab some chalk and draw the Titanic on the ground outside!



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The *Titanic* was to be the biggest, fastest and most luxurious liner ever to be built.

It was 882 feet, 9 inches long with a maximum breadth of 92 feet, 6 inches. Her total height, measured from the base of the keel to the top of the bridge, was 104 feet.

After just three years, The *Titanic* was finished - a floating city, ready to set sail on her maiden voyage from Southampton to New York