



METHOD

You will be dunking each biscuit in and out of a cup of tap water temperature water. It is hoped that whilst there may be slight variations, the tap water temperature will be similar enough across the school to make this a fair test.

Load up the Youtube video and give it a listen. You will need to dunk the biscuit vertically into the water every time they hear a number. You should dunk so that 50% of the biscuit is in the water and 50% remains outside of the water.

When you hear the word 'out', you should take the biscuit of the water and hold it horizontally above the glass.

When the biscuit breaks, you should write down the 'dunk number'. This should be the number you heard just before the biscuit broke. For example, if you dunk the biscuit in on number 7 and it dissolves in the water during the dunk, you should write down 7. If your biscuit breaks whilst you are holding it above the water after dunk number 7, you should still write down the most recent number (7), not the number of the dunk you were just about to do.

After each test, pour out your water and get a fresh cup. This will help keep the experiment a fair test because sugar dissolved in the water may affect the next biscuit's dunkability.

Fill out the first part of your worksheet, and start the experiment. Once you have finished your experiment, you can then complete the second part of the worksheet.

