

Science

Which materials float and sink?

In this lesson, you will be investigating different materials and their properties. You will be exploring which materials float and which materials sink, then you will be making comparisons while looking at their properties.

Do all hard materials sink? Do all soft materials float?

You will need a piece of paper and a pencil.

If you would like to take part in the experiment you will need:

- **a coin or small metal object**
- **a cotton ball or pad**
- **stones**
- **a pencil**
- **a bowl of water.**

You can watch the video and take part alongside Miss Harris. Otherwise, you can watch Miss Harris conduct the experiment while observing the outcomes.

Link to the video





<https://classroom.thenational.academy/lessons/which-materials-float-and-sink-cdj66c?step=1&activity=video>

The worksheet, on the following page, can be printed (if you don't have the facilities please draw the table on another sheet of paper).

End of lesson quiz (3 multiple choice questions)

https://classroom.thenational.academy/lessons/which-materials-float-and-sink-cdj66c?step=3&activity=exit_quiz

You can change the objects if you want to.

Object	Material	Float	Sink
rock 			
pencil 			
cotton ball 			
coin 			
<i>Choose your own object!</i>			