

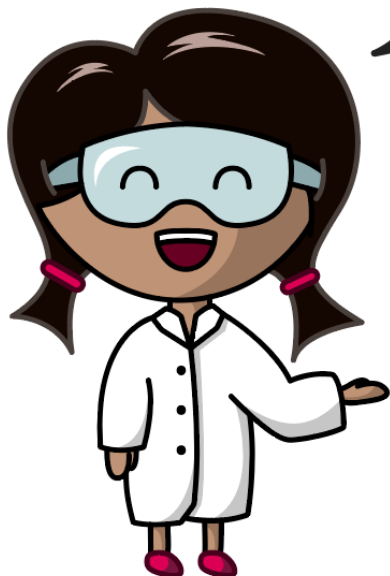


SCIENCE BOX

Lockdown science challenge

Week 1 challenge worksheet: sink or float

Hey, young scientists! Ready to solve this week's science challenge?



The challenge



You will need:

- a large jar of water
- 1 egg
- 1 mandarin or orange
- sugar
- salt.

Note that you might not need to use all of these things.

Your challenge is to use the listed supplies to make the egg *float* and the mandarin/orange *sink* when they are placed in the water.

Naturally, the opposite of this will happen (the egg will sink and the mandarin/orange will float), so you will have to use the supplies to reverse this behaviour.

You may only use the supplies listed above to do this.



My plan



Draw or write below to show how you'll solve the challenge.



My attempts



Write down the ways you try to solve the challenge. Be creative!

Attempt number	What did you try?	What went wrong?	What will you change?



My result



How did you solve the challenge? Draw or write below.

What is the science behind this challenge? What did you discover?

Answer here:

Well done, you completed this week's challenge!

