

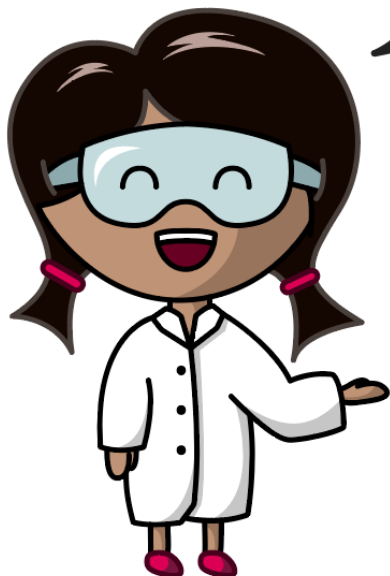


**SCIENCE BOX**

## **Lockdown science challenge**

**Week 3 challenge worksheet: blow up the balloon**

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



# The challenge



**You will need:**

- 1 balloon
- 1 single-use plastic bottle (empty)
- 1 bowl of ice-cold water
- 1 bowl of hot water (not hot enough to hurt yourself)

**Your challenge is to use the listed supplies to make the balloon inflate while it's opening is stretched over the opening of the plastic bottle.**

**Stretch the balloon's opening over the opening/neck of the bottle, so air can pass between the bottle and the balloon. Use the bowls of hot and cold water to get the balloon to inflate!**



# 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:

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**Well done, you completed this week's challenge!**

