

Scientists... let's investigate!

START



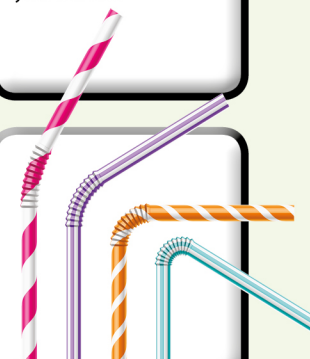
Predict

How easy will it be to suck water through a long straw?
How long will your straw be before you can no longer suck water through it?



Method

Put one straw in a cup and test to make sure you can suck water into your mouth.



Help your partner to carry out the investigation then compare your results.



Equipment

- ☐ Straws of the same diameter
- ☐ Masking, gaffer or PVC tape
- ☐ Cup
- ☐ Drinking water
- ☐ Ruler
- ☐ Scissors
- ☐ Measuring tape or metre stick



Create a small fold in the end of a new straw, slide it into the end of the first straw and tape them together.

Keep trimming 2 cm pieces until you can suck up the water again. Accurately measure the length of the straw and record the result.



Is your test safe?

If sucking through the straw makes you feel dizzy or unwell, stop right away and take a rest!



Suck water through your new, double-length straw. Keep adding straws until you can no longer suck the water into your mouth.



Carefully trim 2 cm off the last straw you added and test to see if you can now suck up the water. If not, trim another 2 cm and repeat the test.



When you can no longer suck any water into your mouth, stop adding straws.