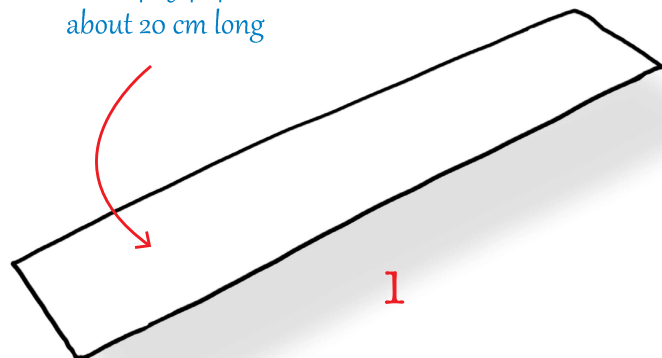


Experiment

A strip of paper
about 20 cm long



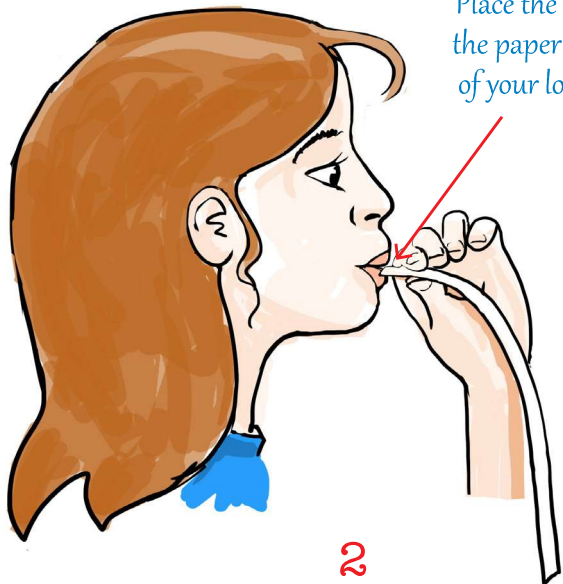
Watch it rise!

- 1 Find a strip of paper about 20cm long. This is your wing.
- 2 Hold one end of the paper between your thumb and index finger and place it on top of your lower lip just below your mouth. Let the other end of the paper sag down.
- 3 Blow gently along the top of the strip and watch the free end of the paper rise! The stronger you blow, the quicker the paper rises.

Is it magic?

No, it's Science! Blowing over the top of the paper pushes away the air. This decreases the weight of the air (pressure) on the top side of the paper, so the air pressure under the paper is higher than the air pressure on top. This pushes the wing up, and it's called **lift**. It's the same force that lifts birds (and aircraft) into the air.

Place the edge of
the paper on top
of your lower lip



Blow along the
top of the paper
and watch it rise!

