

## Pupil activity

### WEEK 3

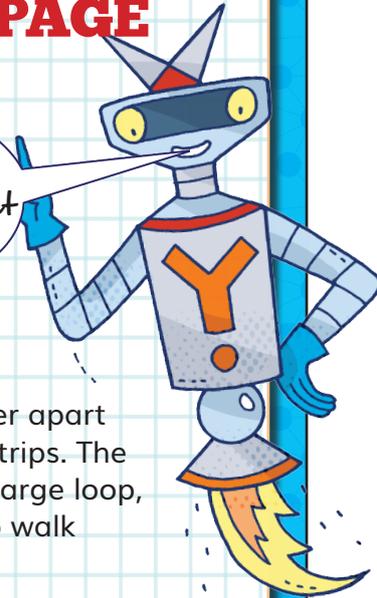
## WALK THROUGH A PAGE

### You will need:

- Printed piece of paper
- Scissors

Try out this great challenge which lets you take something relatively small and create something **BIG!** You are going to travel through a page, and all you need is a pair of scissors!

Can you walk through a page? How many people can you get through one page.



### What you do...

1. Fold the page in half along the red line and cut along the blue lines. Carefully unfold, and cut along the red line.
2. Gently tease the paper apart without tearing any strips. The paper should form a large loop, big enough for you to walk right through!



We love seeing photos of your experiments. Post them online or email them to [Y@whizzpopbang.com](mailto:Y@whizzpopbang.com)



How many people can you get through one piece of paper at a time? You must use the same technique but can use larger paper or change the width of the cuts.



We think of a piece of paper as pretty thin, but it is still around 100,000 nanometres thick!

### WEEK 4

#### STEM Challenge

What is the smallest piece of paper you can walk through? When you change the paper size, what happens to the diameter of the hole? The children could investigate, starting with A6 paper and working up to A1. Keep a record of the results and see if you can spot a pattern.