Möbius Strip Activity Sheet

Did you know, in 1858 a German mathematician called

August Ferdinand Möbius

discovered the Möbius strip.

Make a

What is a Möbius Strip?

* It is a one-sided shape - a chicken could walk across the whole shape and never reach the other side.
* There are 2 versions of this shape, which are mirror images of each other. This is called chirality.
* It can be left or right-handed, depending on which way the twist goes.

Möbius Strip

WHAT YOU NEED:

EXPLORE:

STEP 3: Tape together

Can you draw a line all the way along the paper without taking your

pen off?

What happens when you cut along this line?

Try making a mobius strip with more than one twist.

What happens if you put an odd or even number of twists in the shape?

* Paper strips
* Colouring pencils
* Scissors
* Tape

STEP 1: Colour in one side of

the paper strip.

STEP 2: Halt-twist the paper strip so that the coloured sides touch.