

How to make your own Möbius Strip



What's a Möbius strip?

A Möbius strip is a shape with only one surface and one edge.

To make one:

1. Cut off the strip of paper down the side of this sheet.
2. Twist it once and glue the ends together.
3. No, that's it, you're done.

But now you've made your Möbius strip, there are loads more things you can do with it...

1. Try colouring along the edge. What happens?
2. Draw coloured lines along the middle. What happens to them?
3. (You may want to make another Möbius strip for this). Draw a line down the middle of your Möbius strip. Cut along the line. What happens?

Why's this maths?

It's a branch of maths called topology - topologists explore shapes like these and some much stranger ones. It stretches your maths brain because you are thinking about 3D space in new ways!

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How to make a Möbius Heart



This is a tricky activity so it might take a few attempts to get it right! Remember, mistakes are good – they help us to learn! So, keep trying - perseverance is a great maths skill!

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