



Skill and Experience





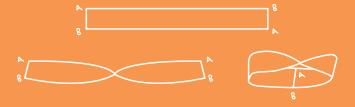


A very easy project for someone who can crochet and a slightly more challenging one for someone who can knit and has access to two circular needles. There is a video to called "Knitting a Mobius Strip" to help you.

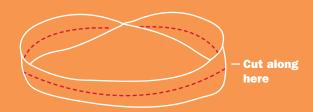
How it relates to maths

A Möbius strip or Möbius band is a two-dimensional surface August Möbius, but there are pictures of them from well before

sticky tape.



where you started. You should notice that by the time you get to the light and you have used a dark enough pen you will see





What happens? Does it just fall into two pieces?

you stick the paper ones together. You can make a yarn challenging to knit. I tried my first knitted Möbius strip following instructions on **Sarah-Marie Belcastro's wonderful** website The Home of Mathematical Knitting. One easier way to start a knitted Mobius strip is the "Mobius cast on" infinity scarves. My preferred way uses a variation of Judy shown in his YouTube video Judy Becker's Magic Cast On - A Sockmatician Tutorial - YouTube. It is actually a way of

There is a video to show how to make the knitted Möbius



A MÖBIUS STRIP WITH AN INTRINSIC-TWIST

Knitted Möbius Strip

There is a video to help you called "Knitting a mobius strip"



What you'll need















Step-by-Step Instructions

- 1

- knit, purl alternately from the top
- and pull the bottom needle out,
- 5



- 8 stitch until your band is line with the original

Crocheted Möbius strip

What you'll need



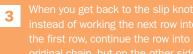






Step-by-Step **Instructions**





Quick Tips



These instructions are for a strip in moss stitch (alternating knit and purl) which is a stitch where both sides look the same. This helps to hide the starting line in the middle. If you start with an even number of stitches and alternate between knit and purl, it comes out as rib and you can see the half stitch translation clearly in the middle of the strip. If you start with any number of stitches but you knit all the time, the middle is very clear. One half looks like the front of stocking stitch and the other half looks like the back, but as you go around the strip there is never a point where one changes into the other.

These instructions are for a small Möbius strip about 8cm in diameter. For a snug neck warmer, cast on 200 stitches and work in rib (alternating knit and purl) and make it wide enough to cover your neck. The rib stretches so you can get it over your head and it snuggles smaller again around your neck. Use circular needles with a longer cord to make a big draping infinity scarf. An easy way to make it more lacy is to use thinner yarn and thicker needles.

You can cast off in a contrasting colour to make a very visual edge. This is a good idea for thicker Mobius strips where the shape can get lost to the eye from a distance.

Quick Tips



It is best to finish in line with the slip knot so there is as much above the original chain as below.

This can be done in any weight of yarn with any size of hook. Experiment!

