



Cut a strip of paper measuring 2cm wide and 20cm long. Make a loop, twisting the strip once before completing it. Stick the ends together with tape.

an ant crawling along it walks along both the bottom and the top. Try cutting your loop more than once, or see what happens when you make loops with more than one twist.



Ants on a

Möbius strip.

Your loop with a single twist in it is an object called a Möbius strip. Now, cut carefully down the middle of your loop, splitting it in half lengthways.



Rather than falling apart into two paper hoops, a Möbius strip does something surprising. When you cut it in half it stays as one loop.