Arvind Gupta
Toys from Trash
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Moebius Twist
Step-by-Step Photo Guide

Detailed Worksheet

Take 3 strips of paper 30-cm x 3-cm

Glue Stick

MOEBIUS STRIPS
Stick one strip WITHOUT Twist

Twist one 180 degree & stick

Hoop with NO Twist

Hoop with 180-degree Twist

Hoop with 360-degree Twist
CUT “A”, “B” AND “C” COMPLETELY ALONG THE MIDLINE.
CUT “A”, “B” AND “C” AGAIN ALONG THE MIDLINE
**THE MOEBIUS TWIST**

1. Take a full sheet of newspaper and cut three strips.
2. Label the strips a, b, and c.
3. Place the strips on top of each other and label them as follows:
   - a: 80 cm. long
   - b: 24 cm. wide and about 5 cm. wide and about
   - c: 30 cm. wide and about
4. Before gluing the ends together, cut each strip half a turn (180 degrees) to make a loop.
5. Give the last strip a half turn (180 degrees) before gluing the ends together.
6. Now, give them a half turn to make a loop.
7. Cut them along the middle line of each loop. They will be in a great surprise.
8. The first loop a will get divided into two separate loops of paper. The two loops which are linked together will separate you the most if they become.
9. Loop b will become a single loop and loop c will become a single loop.
10. However, it is the third loop e which is another loop. They will be in a great surprise.

German mathematician and astronomer Augustus Mobius discovered the twist during the last century. The Mobius strip is a geometric curiosity. An ordinary square piece of paper has four edges and two surfaces. But the Mobius strip has only one edge and one surface. It was discovered by a top and the button. But the Mobius strip has only one edge and one surface, two corners, and one side. It was discovered by a top and the button. But the Mobius strip has only one edge and one surface, two corners, and one side. It was discovered by a top and the button.