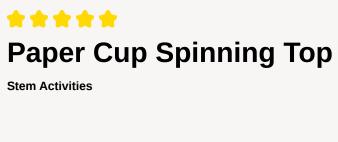
DIYs » Stem Activities » Marvelous Mechanics Motion » Age 6 - 8 » Paper Cup Top









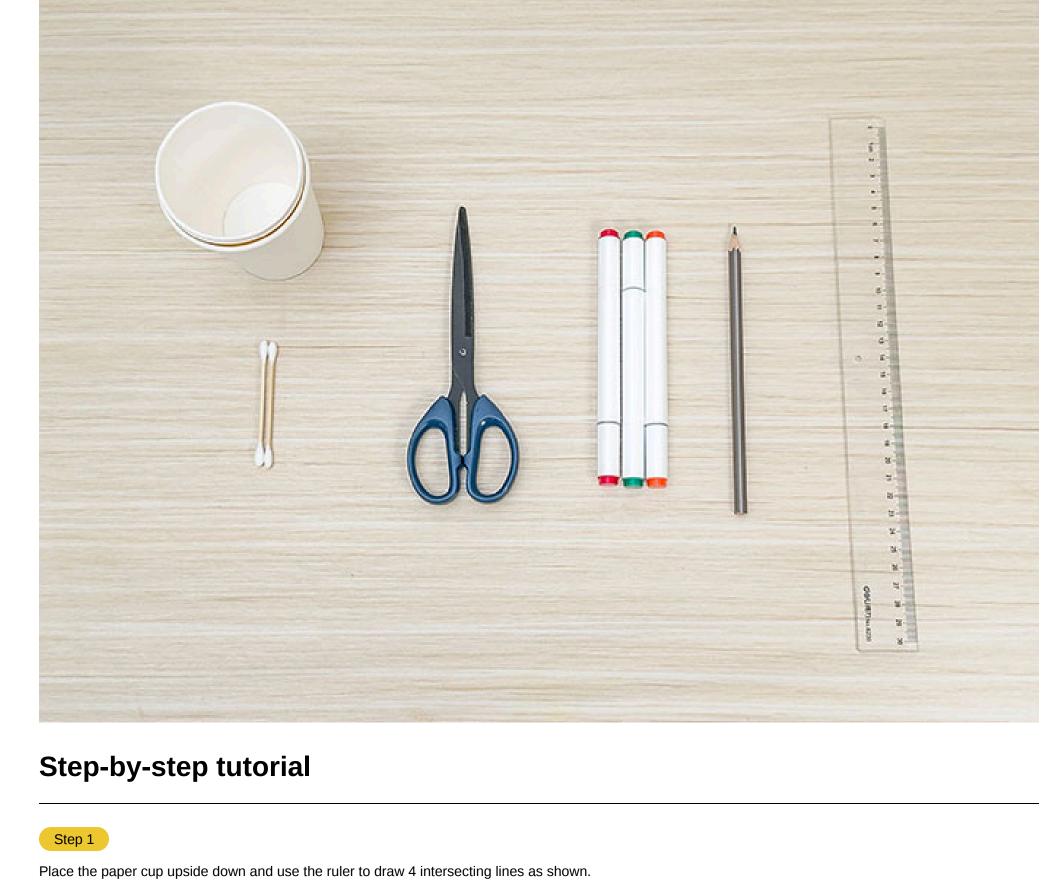
Do you know how spinning tops maintain their balance? Create a colourful spinning top toy from a used paper cup and discover how tops use their centre of gravity and spinning speed to stay balanced.

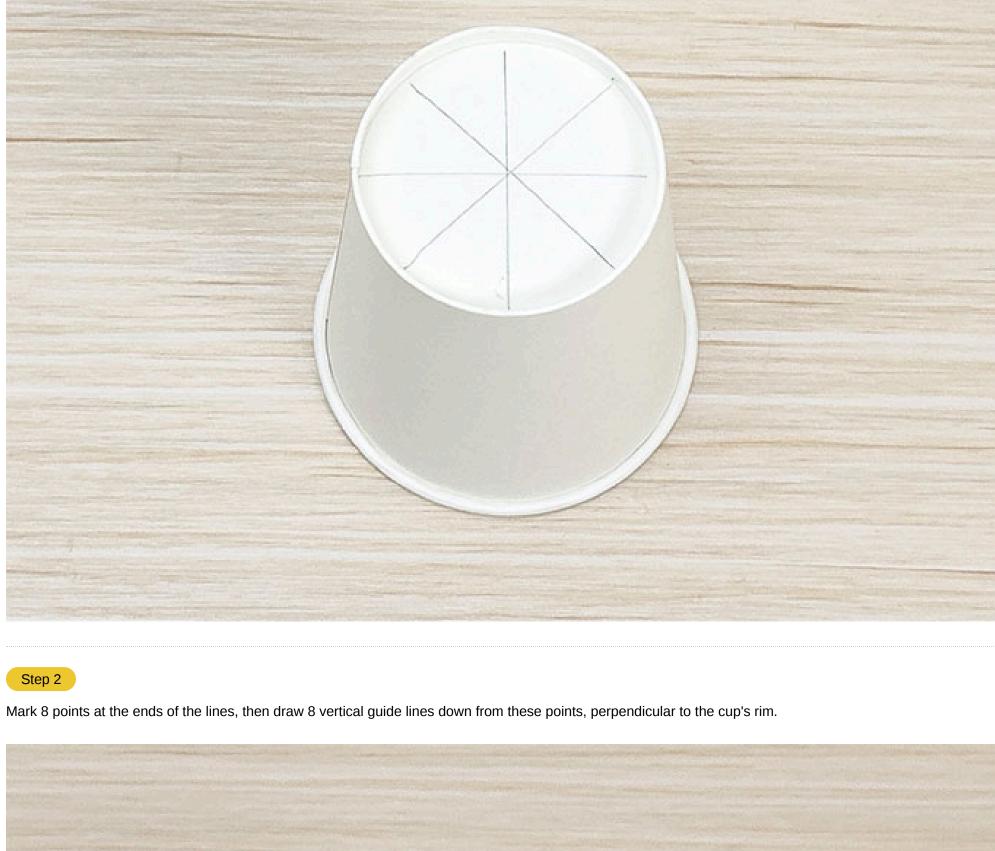
Cotton bud

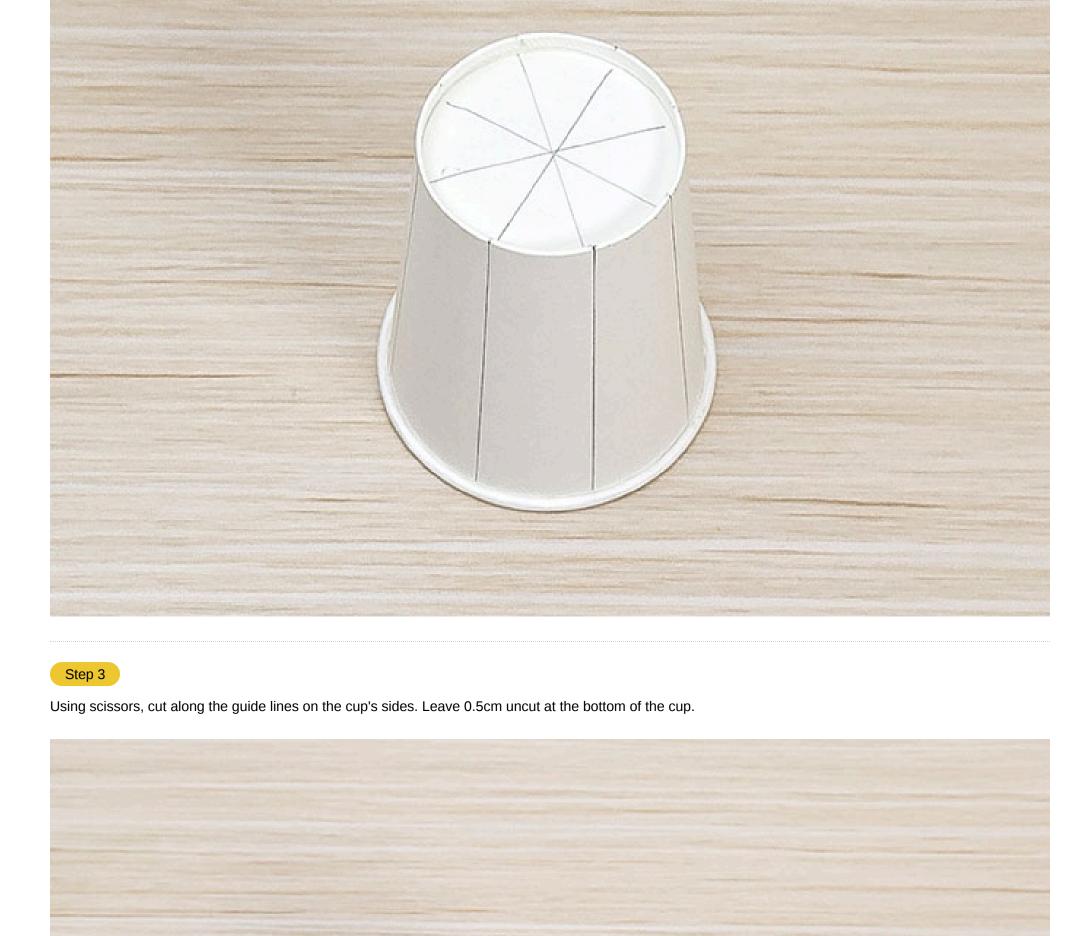
Materials Needed

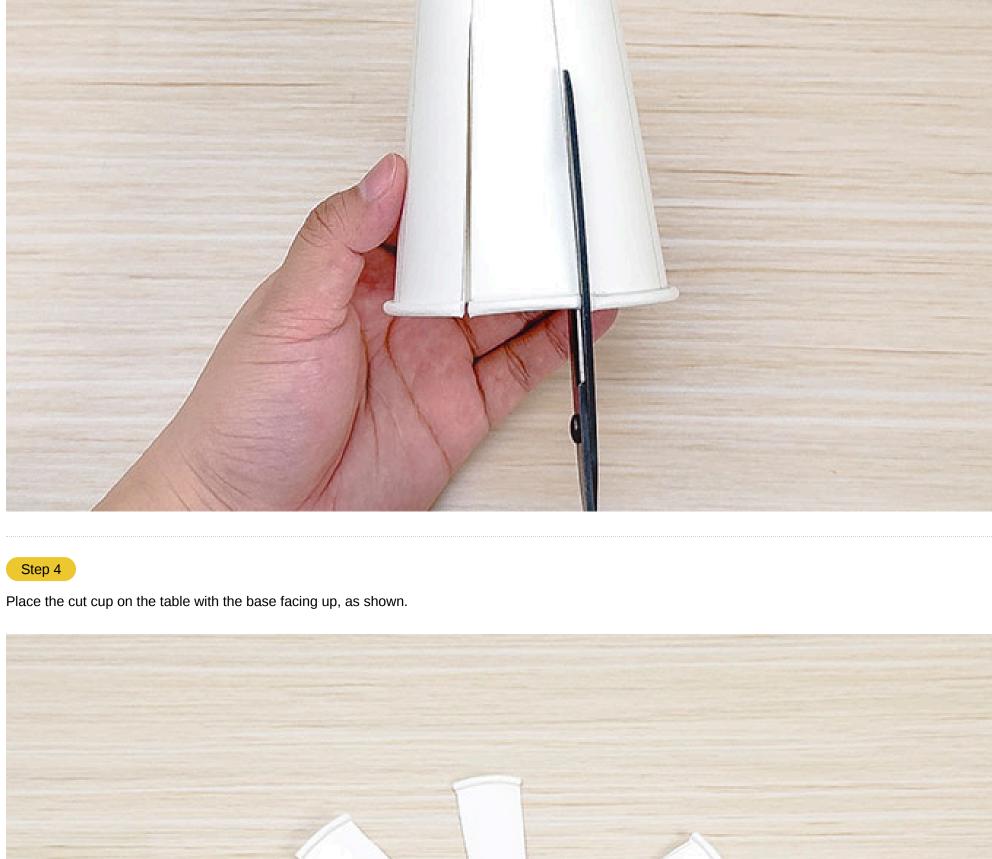
Paper cup Scissors Marker pens Pencil

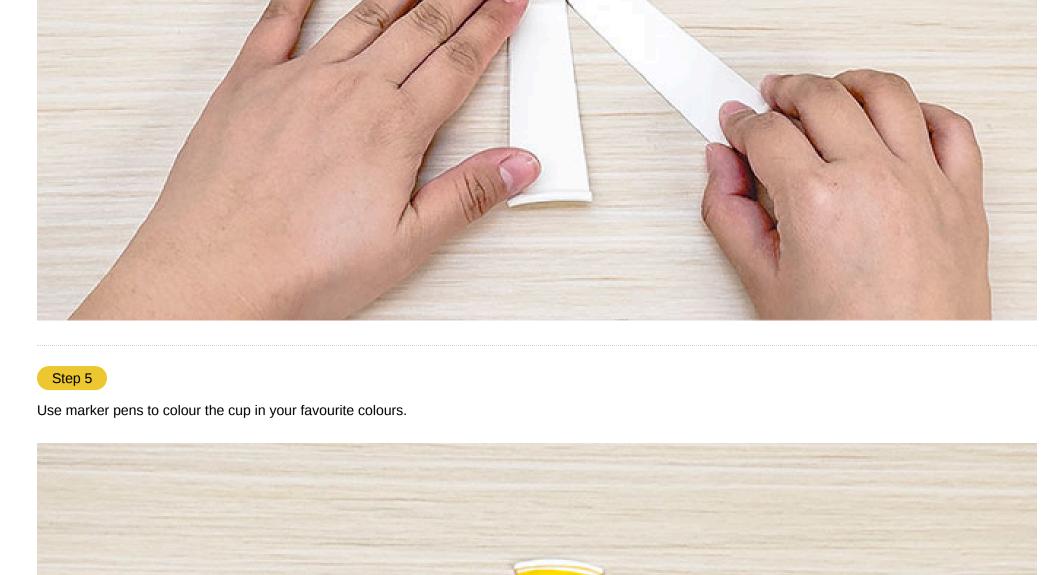
Ruler

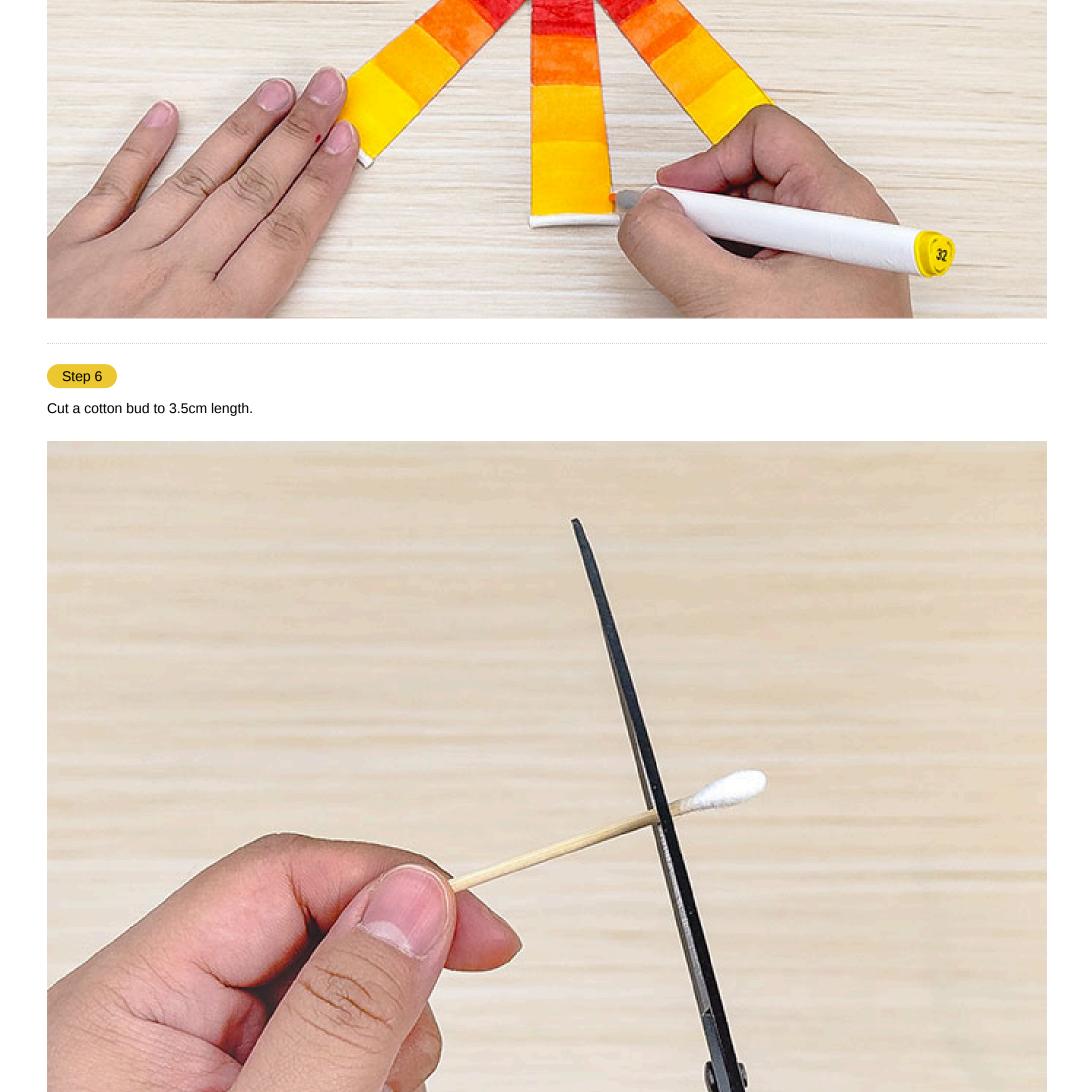




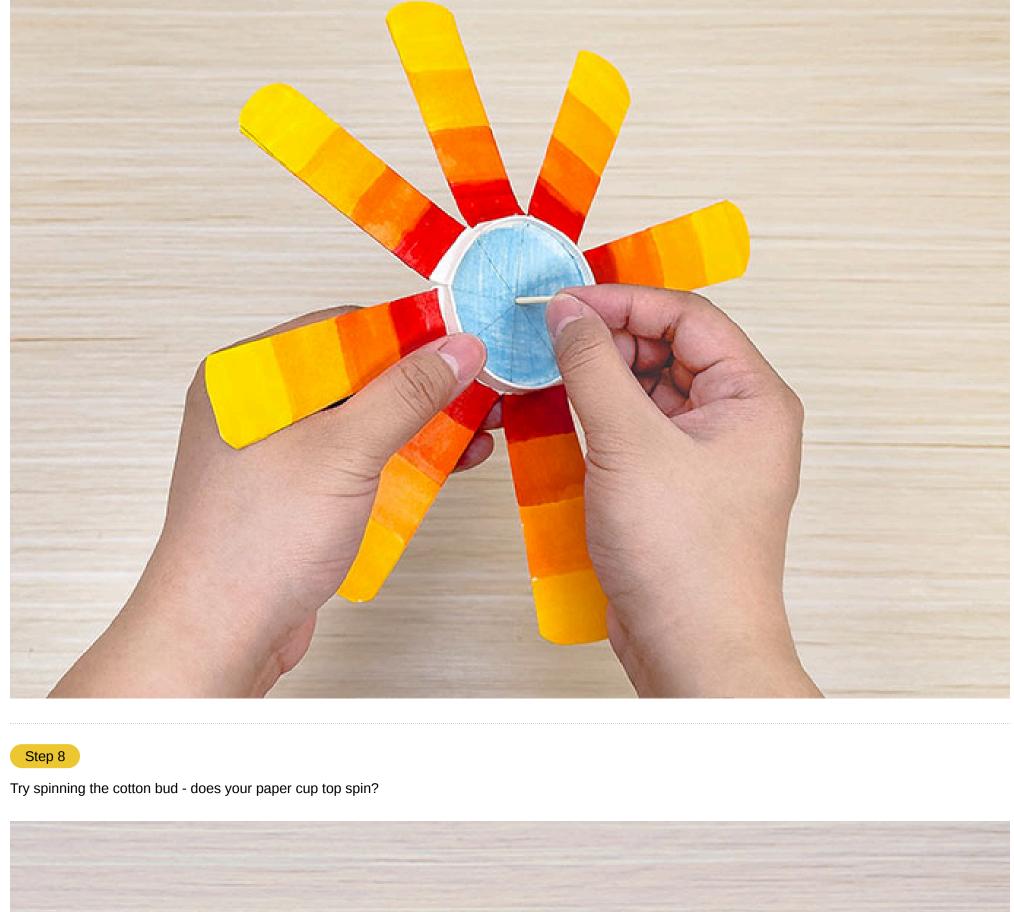


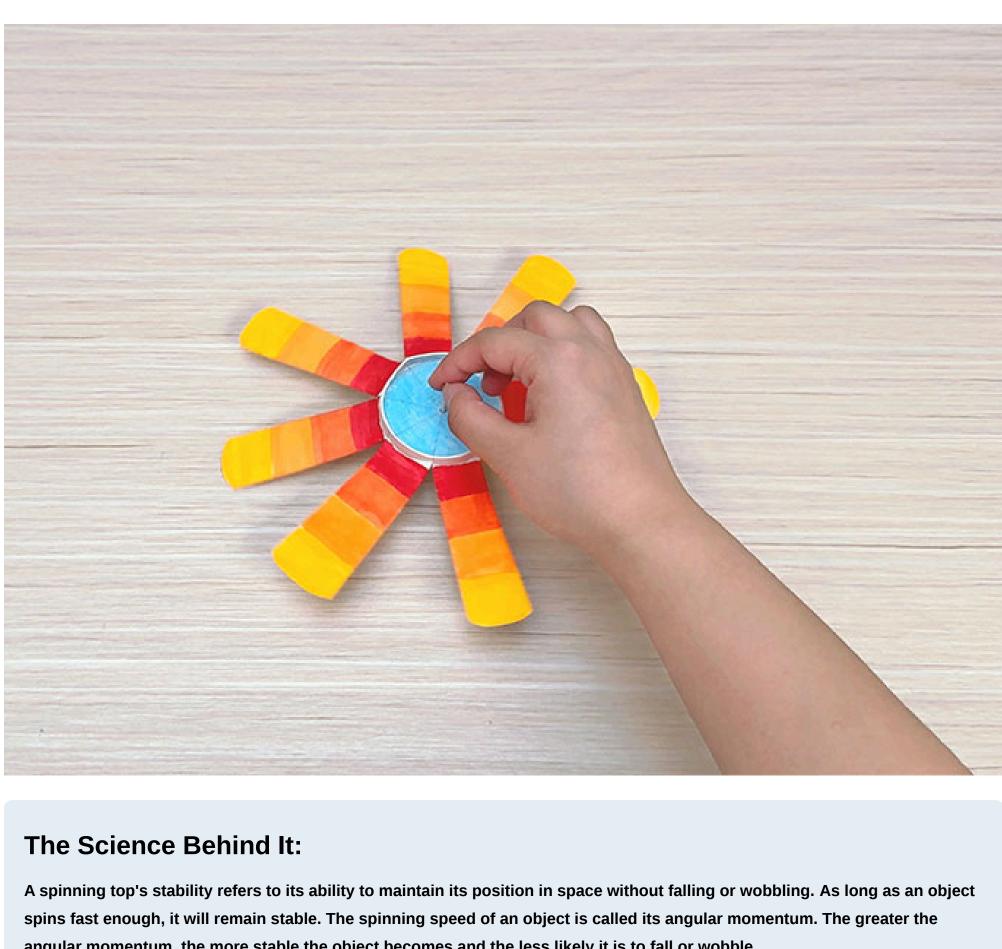






Step 7 Insert the cut cotton bud into the centre of the cup's base.





angular momentum, the more stable the object becomes and the less likely it is to fall or wobble.

Try adjusting the spinning speed or centre of gravity of your top - what changes do you observe?