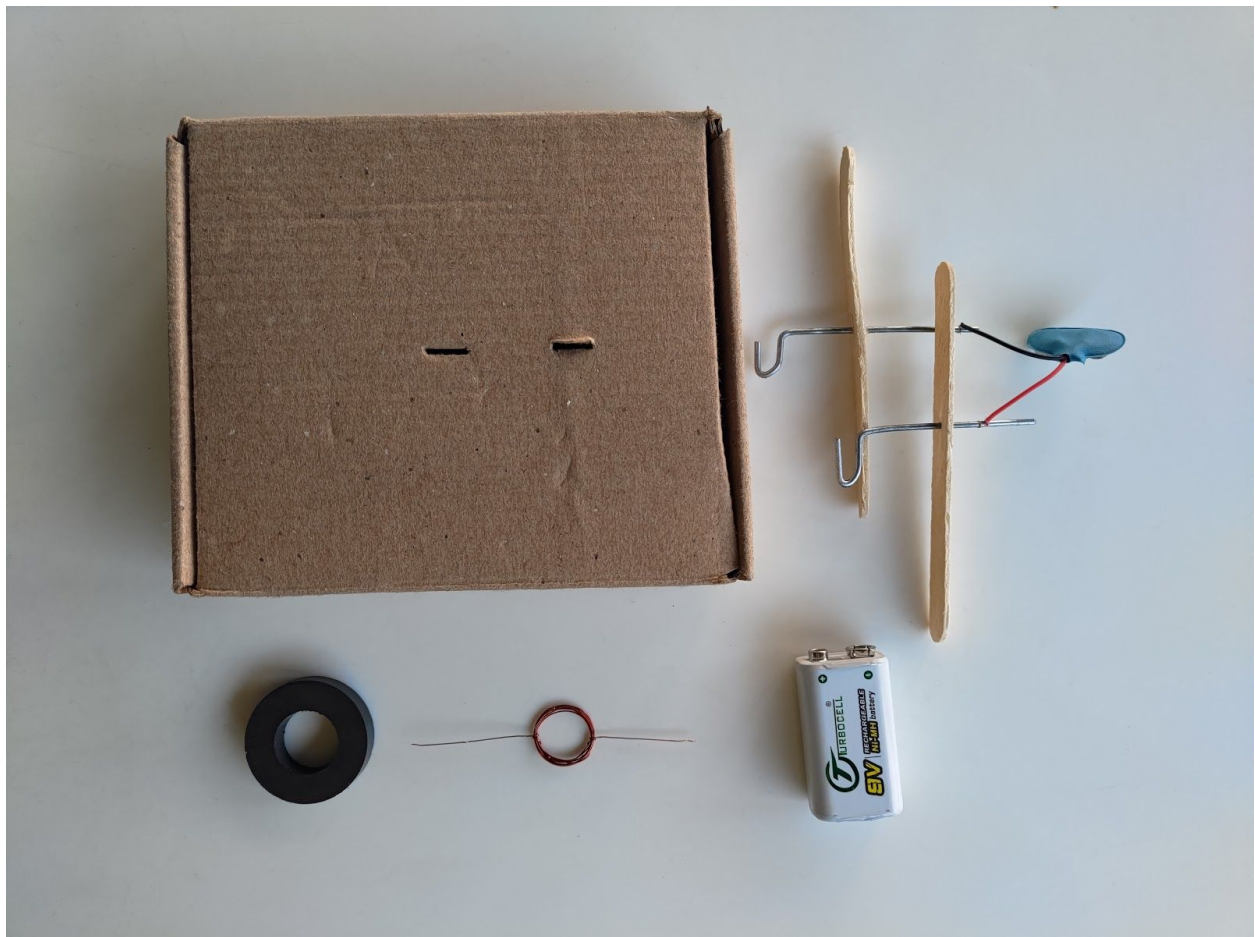


Build Your Own Electric Motor Model

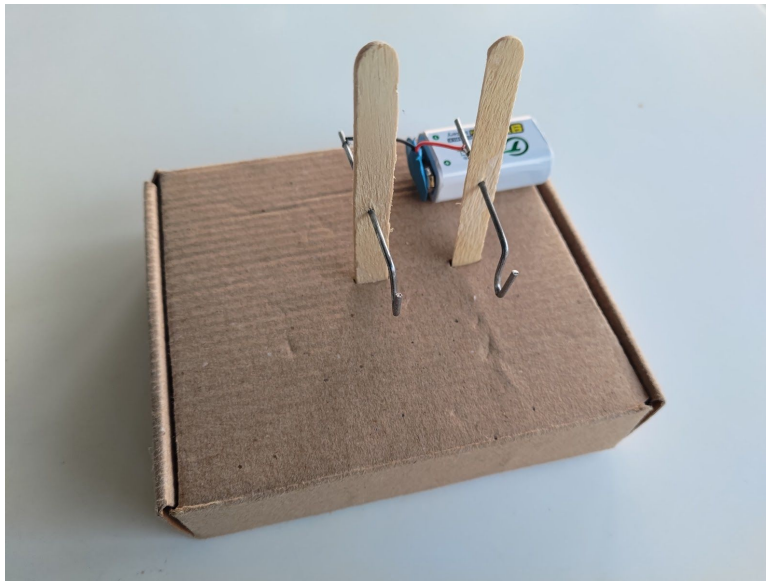
Materials Required:

- Cardboard Box
- Ice cream sticks
- Metal rods (Better to have hooks as shown in picture)
- Magnet
- Copper wire
- 5V Battery with connecting cables



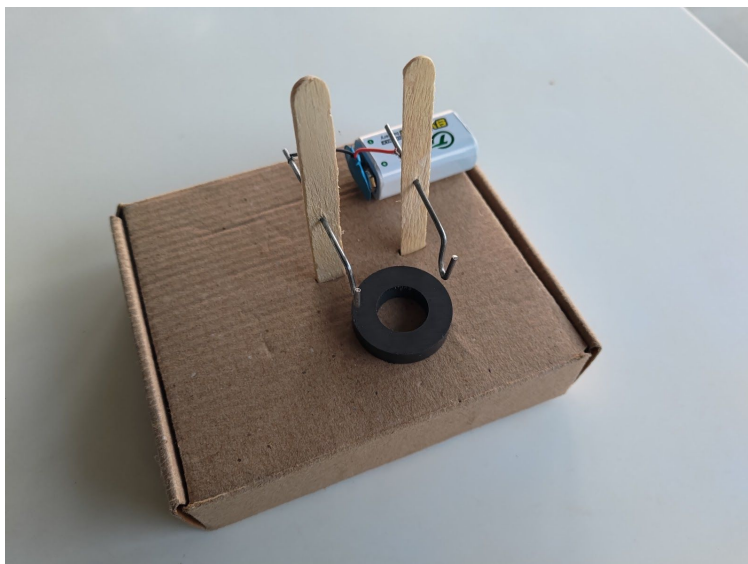
Step 1

Puncture two holes in the box to let those ice cream sticks pass through it. Pierce the metal rods in the sticks and connect the battery to the rods as shown.



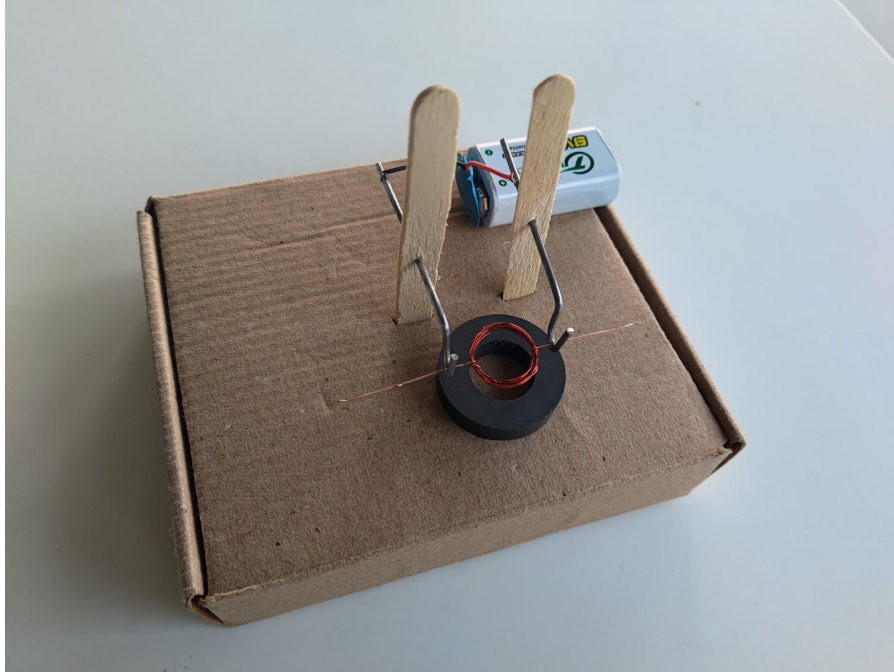
Step 2

Place a magnet underneath the rods as shown.



Step 3

Twist and Bend the copper wire to make a ring with two ends that will help it suspend over the magnet, and place it on the hooks of the metal rods.



(NOTE: Depending on the power of your magnet and battery, you might need to give the copper ring an initial push to spin it.)

Now, the copper ring should keep spinning until you run out of battery or are stopped by an external force.

All the motors work on this basic principle!