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☑ Step-by-Step Photo Guide
☑ Detailed Worksheet

View One Minute Video at:
http://www.youtube.com/watch?v=uanYxImJles
Attach strong magnet to the clean iron nail

Make assembly as shown and touch the end of the wire to the magnet and see what happens.
When you touch the end of the wire to the magnet, the nail and magnet starts to spin !!!
Step-by-Step Photo Guide

1. Place a metal screw and paper clip as shown.
2. Connect a strong magnet to the screw.
3. Complete the circuit by touching the wire to the magnet and remove.
4. Motor spins at very high RPM!
File the battery brass strong NdFeB magnet to it.

Take 20 cm BARE copper wire. Shape it as shown. The free ends of the wire must touch the magnet.

Place the wire \( \downarrow \) in the dimple on the battery base rotating.

Screw from the battery button.

Stick a paper clip to a pointed screw. Hang the head of the magnet. Connect one end of wire to the flat surface of the battery.

Stick the other end to the cylindrical surface of the magnet. The screw magnet will spin very fast. The paper clip acts like the blades of a fan.

Touch the other end to the cylindrical surface of the magnet. The screw magnet will spin very fast. The paper clip acts like the blades of a fan.

YOU NEED

- Strong Magnet
- Bare Copper Wire
- Flexible Wire
- Paper Clip
- NEW Battery 1.5 volts