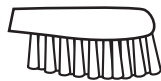


TIME:
5-10 MINUTES

YOU WILL NEED:

SUPPLIES:

Toothbrush



Battery



Double Sided Tape



2 Googly Eyes



Vibrating Motor

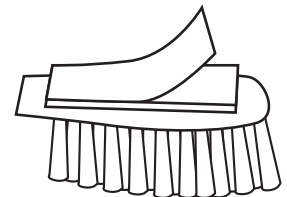


2 Pipe Cleaners



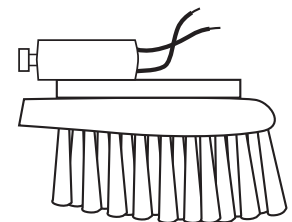
1 APPLY DOUBLE SIDED TAPE to TOP OF BRUSH

Peel adhesive backing from underside of tape.
Press tape onto brush.
Peel adhesive backing from top of tape.



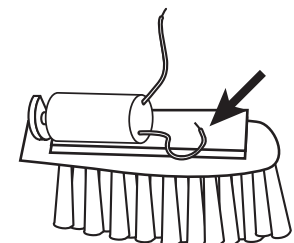
2 ATTACH MOTOR to TAPE

Place the end of the motor so it hangs off the tape and can spin freely.



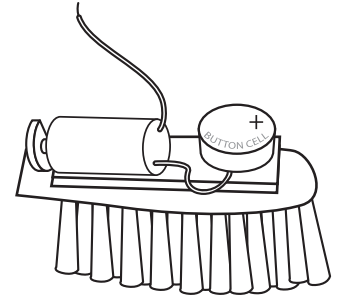
3 BEND & STICK WIRE to TAPE

Bend and gently press one of the wire leads (either red or blue) onto the tape as shown. Do not press too hard, the wire can be buried in the tape, preventing contact with the battery in Step 4.



4 **ATTACH BATTERY**

Stick the battery on top of the exposed wire lead stuck to the tape. The side of the battery marked "+" must face up. Leave a gap between the motor and the battery to insert pipe cleaners in Step 6

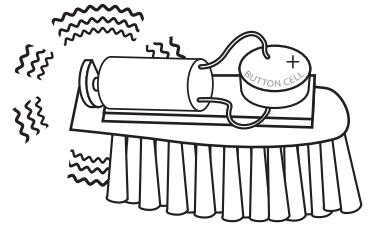


5 **TEST the CONNECTION**

Take the free wire (not under the battery) and touch it to the battery. The bot should buzz!

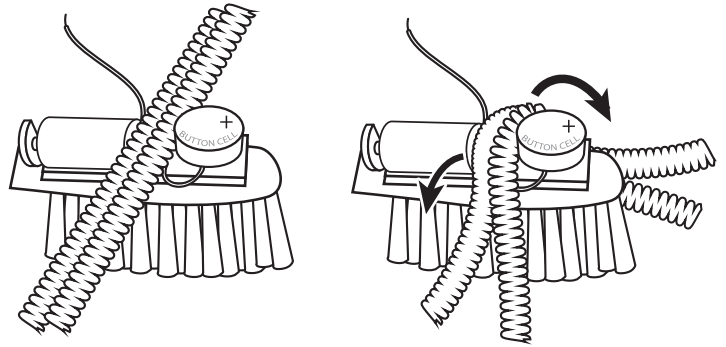
If not, check:

- Both wires should contact battery.
- The motor end should have room to spin freely.



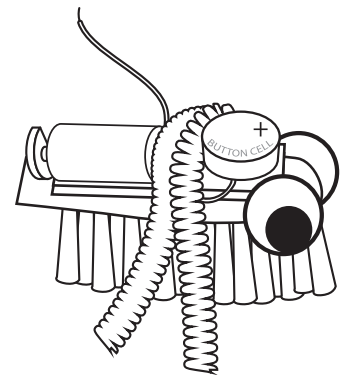
6 **ADD FEET**

Place pipe cleaners on the adhesive in between the motor and the battery. Press down to adhere. Fold the pipe cleaners down to stabilize the bot.



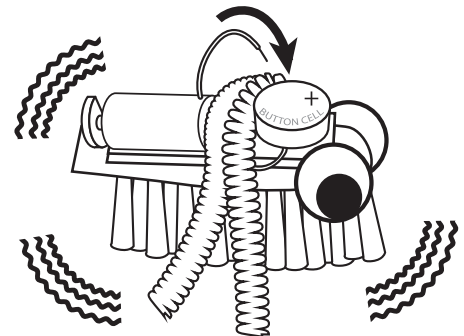
7 **ADD GOOGLY EYES**

Peel adhesive backing from the googly eyes. Stick them on the head of your bristlebot.



8 **LET IT RUN!**

Take the free wire and wedge it in between the pipe cleaners and the battery. This will act as the on/off switch.



**YOU BUILT A BRISTLEBOT.
ENJOY!**