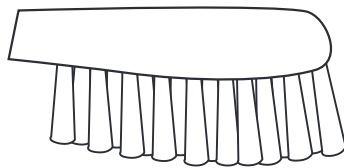


VIBRATING Bristlebots!



TIME:
5-10 MINUTES

YOU WILL NEED:



Brush Head



Double Sided Tape



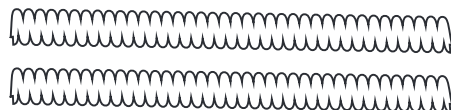
Vibrating Motor



Battery



2 Googly Eyes

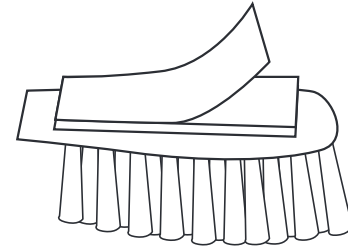


2 Pipe Cleaners

Please visit www.BrownDogGadgets.com for more great ideas & info.

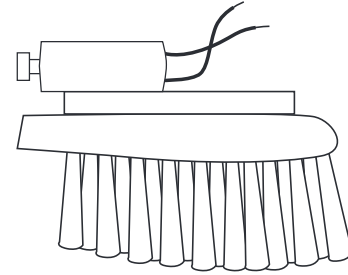
1 **APPLY DOUBLE SIDED TAPE to TOP OF BRUSH**

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



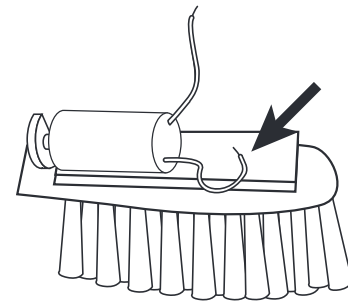
2 **ATTACH MOTOR to TAPE**

near the cut end of the toothbrush.
Place the skinny end of motor so it hangs off the tape and can spin freely.



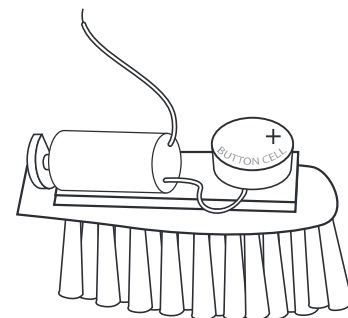
3 **BEND & STICK WIRE to TAPE**

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



4 **ATTACH BATTERY**

Stick the battery on top of the bent wire lead stuck to the tape.
The side of the battery with words and marked "+" must face up.
Leave a little space between the motor and the battery to insert pipe cleaners later.



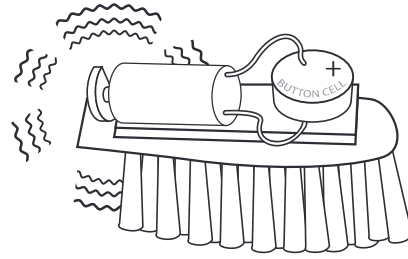
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5 **TEST the CONNECTION**

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

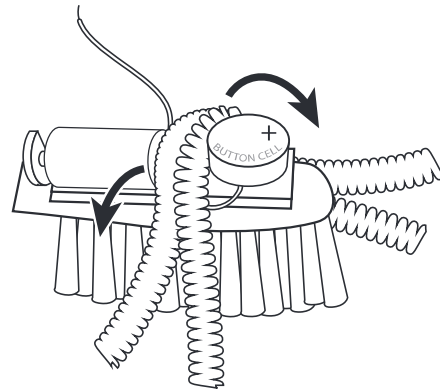
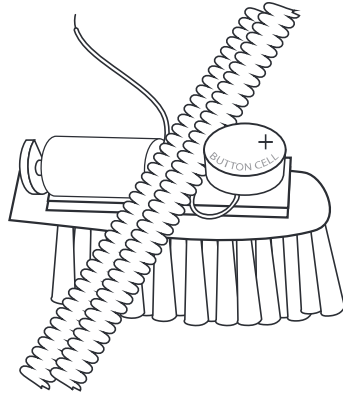
If not, check:

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



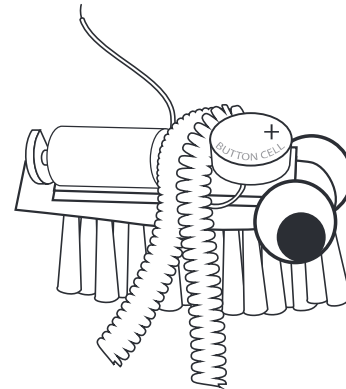
6 **ADD FEET**

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



7 **ADD GOOGLY EYES**

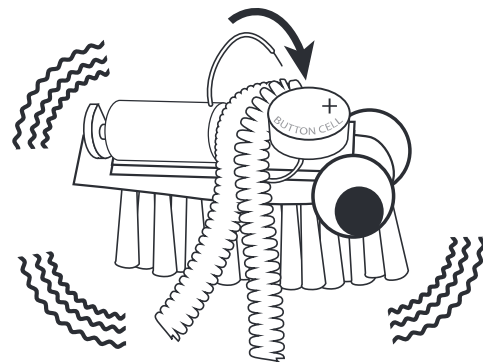
Peel adhesive backing from the googly eyes. Stick them on the head of your bristlebot.



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!**



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