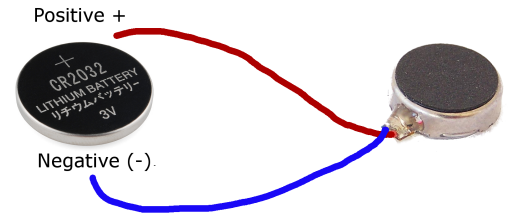


Bristle Bots

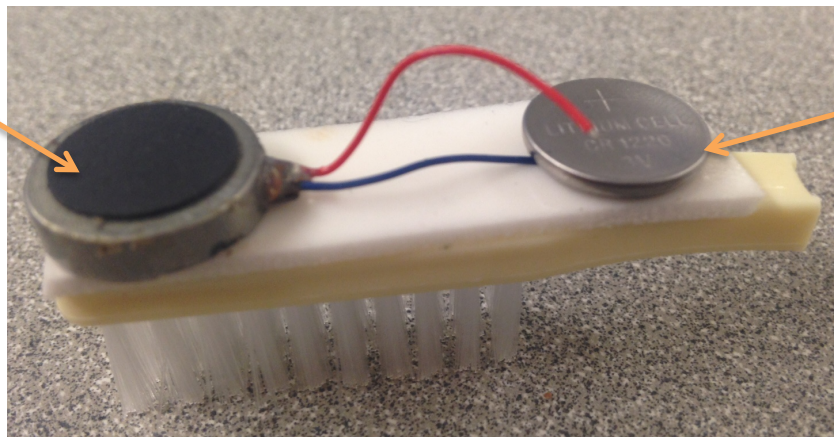
Bristlebots are robots made of a vibration motor, battery, toothbrush, and some sticky tape. The robot is brought to life by completing a simple circuit between the battery and the motor. The vibrations of the motor cause the bristlebot to move and shake in all sorts of directions.



Your challenge: make your own Bristle Bot!

1. Stick double-sided foam tape to top of toothbrush.
2. Stick vibration motor to the tape on toothbrush.
3. Stick the battery onto same tape, with one of the wires pressed underneath the battery (it doesn't matter which wire)
4. Add pipe cleaner legs and decorate (eyes, etc!).
5. Tape the other wire so that it's touching the top of the battery, which will make the bot turn on.

vibration
motor



battery

Extra challenge: Try giving your bristlebot some legs with pipe cleaners and see if you can change the way it moves!