

Tempo -> Length of Lines

The length of lines that Drawolin draws depends on the tempo that performers play.

You can play violin this way.
DRAW-O-LIN

Higher Pitches -> Draw Lines

When performer plays a higher pitch compared to the previous one, Draw-o-lin goes forward and backward to draw lines.

What does music look like?
Let Draw-o-lin show you a new way to visualize the music.

Lower Pitches -> Draw Arcs

When performer plays a lower pitch compared to the previous one, Draw-o-lin rotates to draw arcs.

Volume -> Line Weight

The line weight that Draw-o-lin draws depends on the volume that performers play.

Servo Motor

Lift the marker up and down for strokes.

H-Bridge

Control gear motors.

Arduino

Microcontroller.

9V Battery

Power supply.

Copic Marker

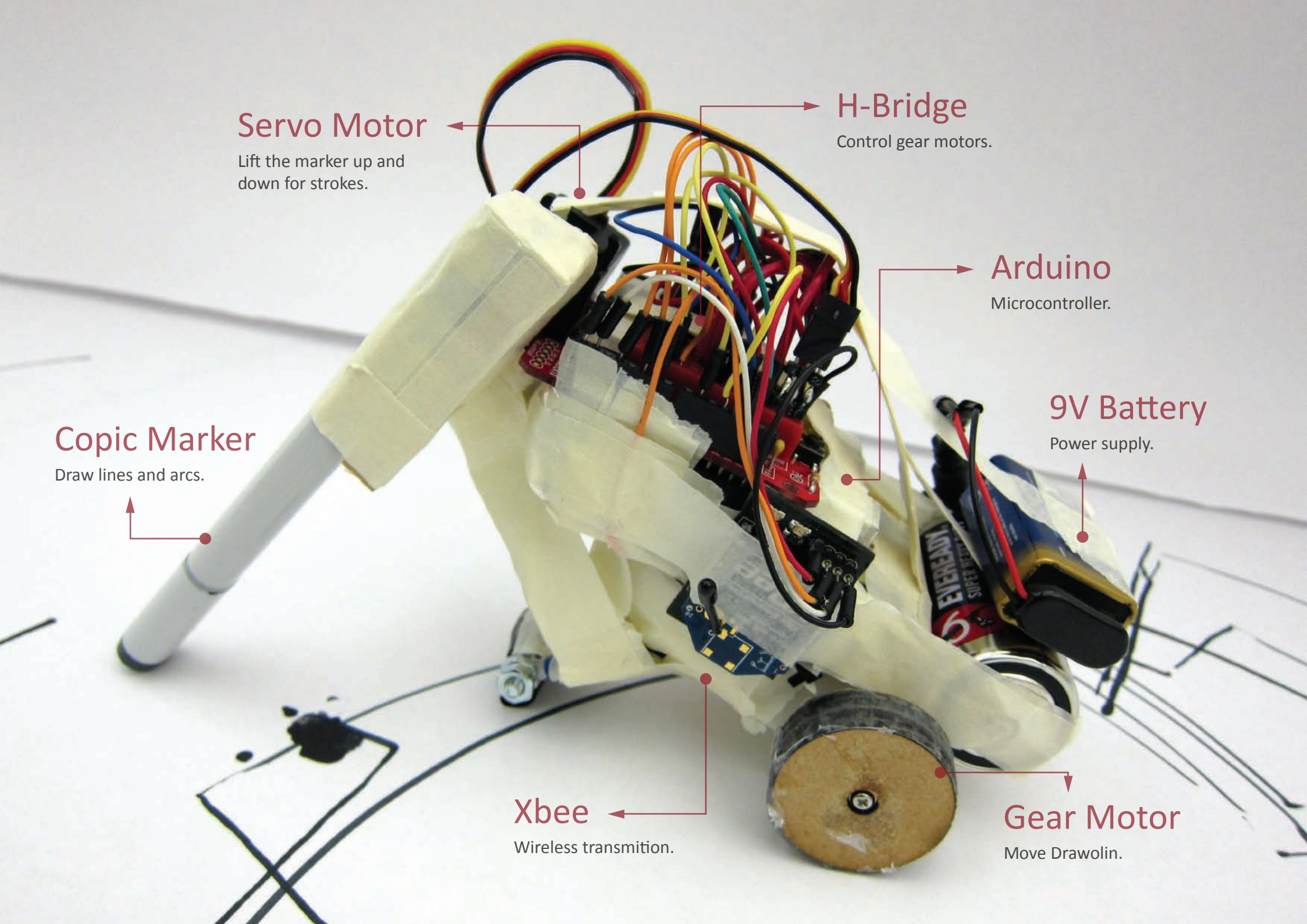
Draw lines and arcs.

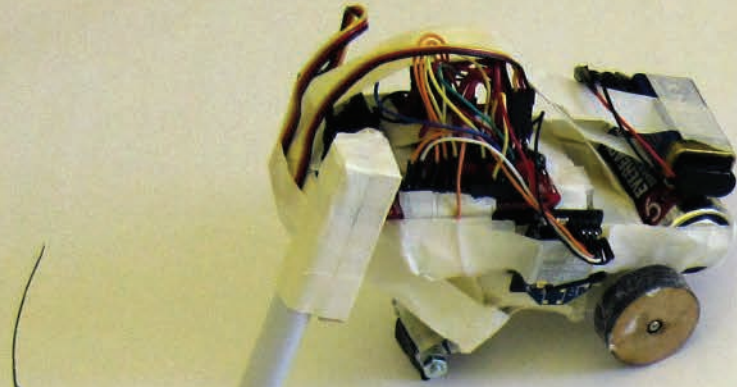
Xbee

Wireless transmission.

Gear Motor

Move Drawolin.





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