

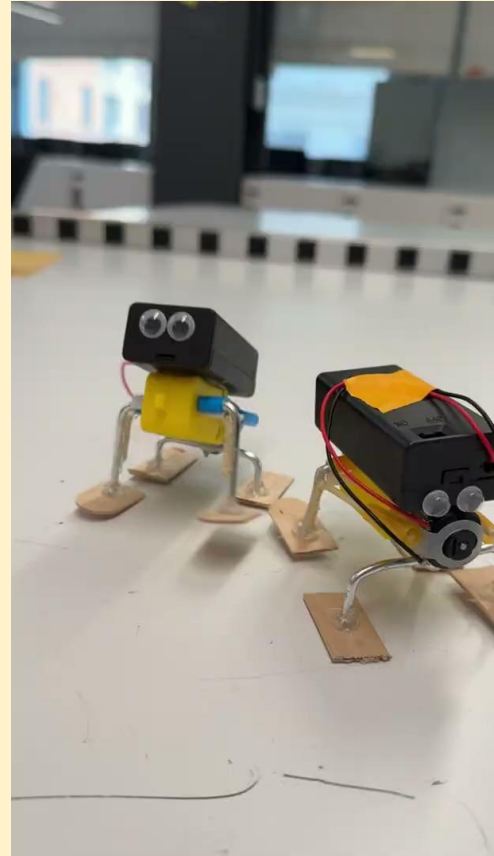
DIY Robots !!!

with Gracy & Bianca
& our intern Priyanka !

Bristle bots



Walking Robot



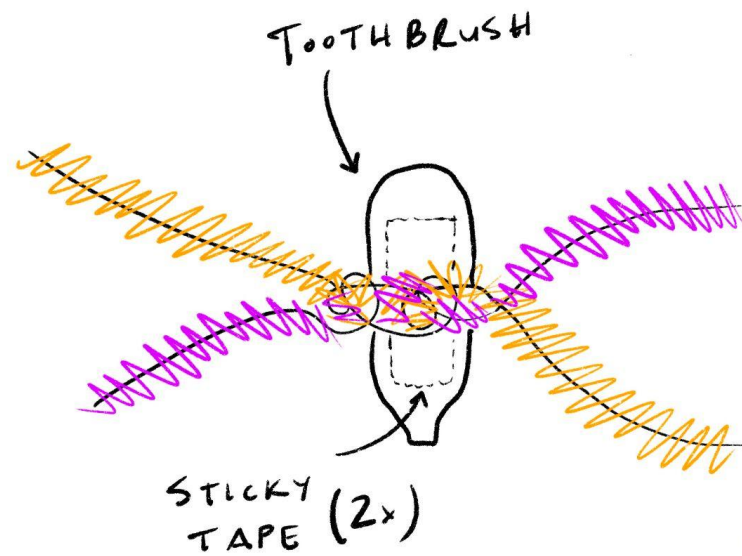
Bristle bots

[Adafruit Project Pack](#)

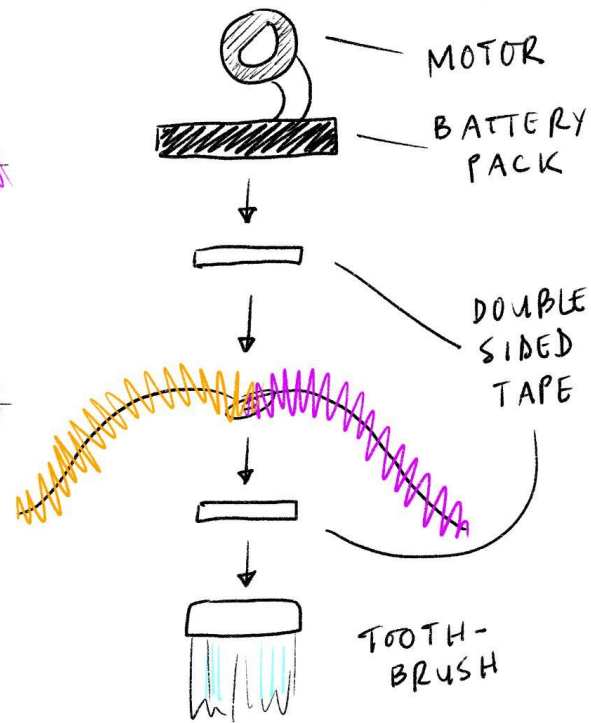
Materials:

- Toothbrush head
- Vibrating motor
- Coin-cell battery (holder optional)
- Pipe cleaners
- Googly eyes
- Tape





* TAPE MOTOR TO
BATTERY, BUT
NOT THE
SPINNY
PART!



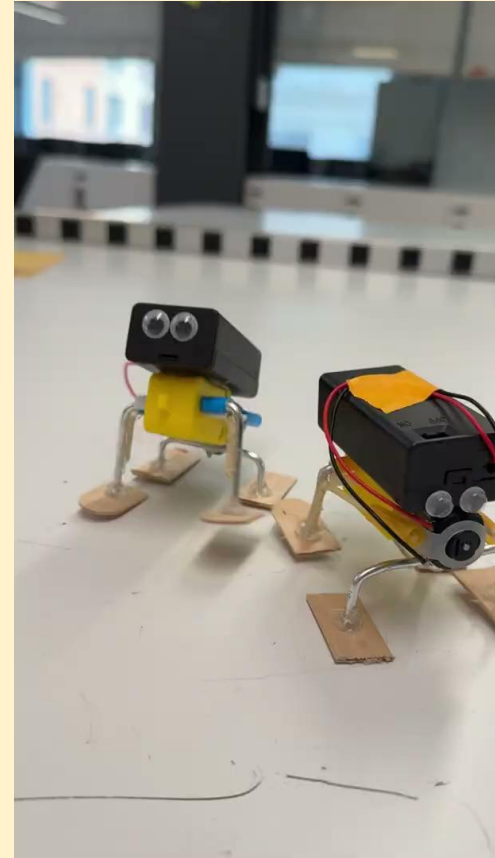
Play around with bending the
legs to change how it moves !

Walking Robot

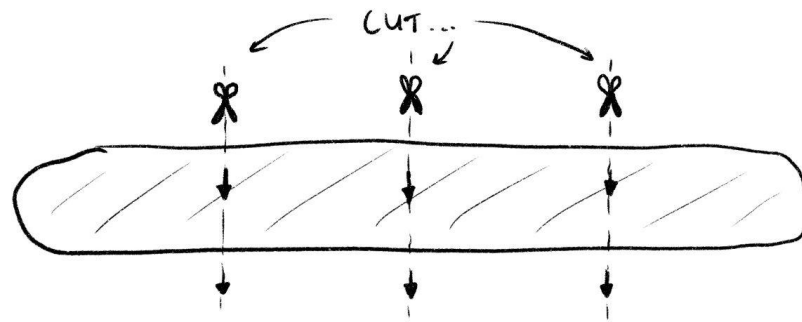
[Example video](#)

Materials:

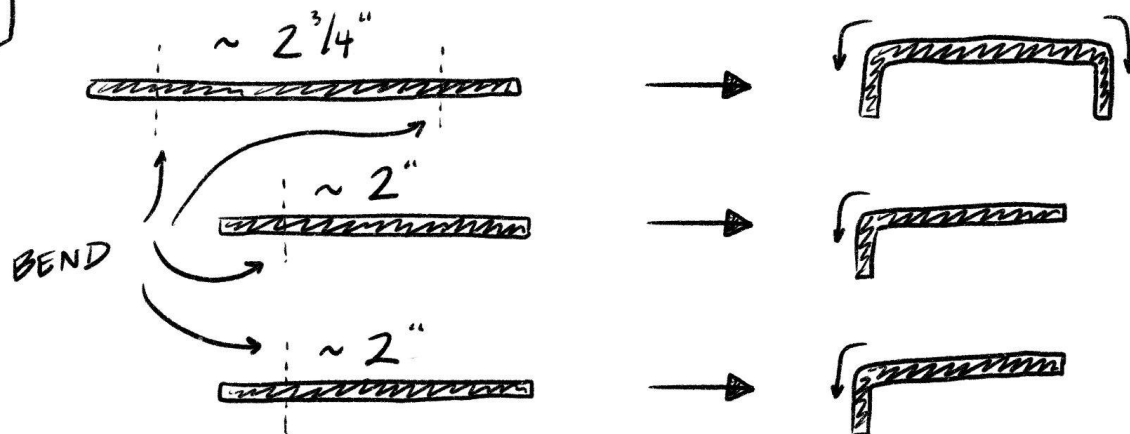
- DC motor
- 9V battery (holder optional)
- Craft wire
- Straw
- Q-tip or wood dowel
- Large popsicle stick
- A lot of hot glue



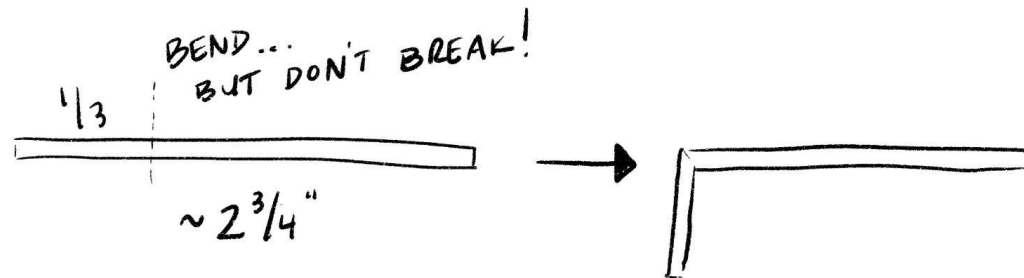
POPSICLE
STICK



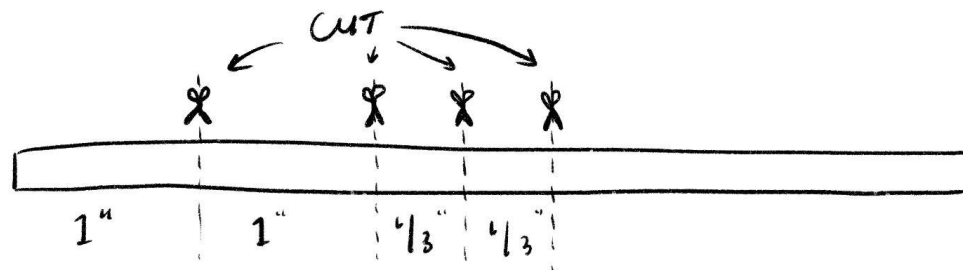
CRAFT
WIRE



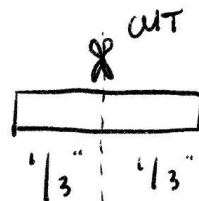
Q-TIP
OR
WOOD
DOWEL

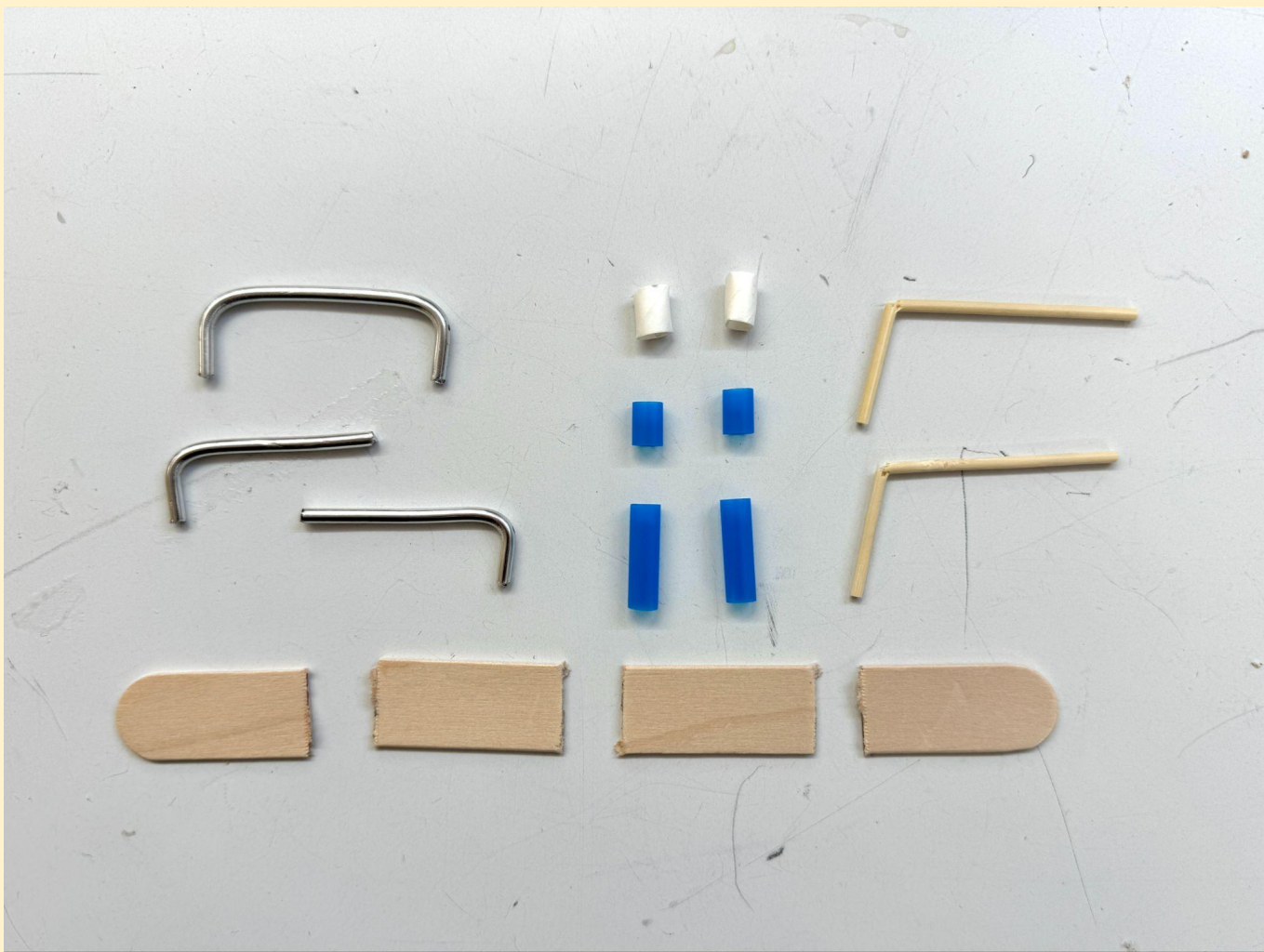


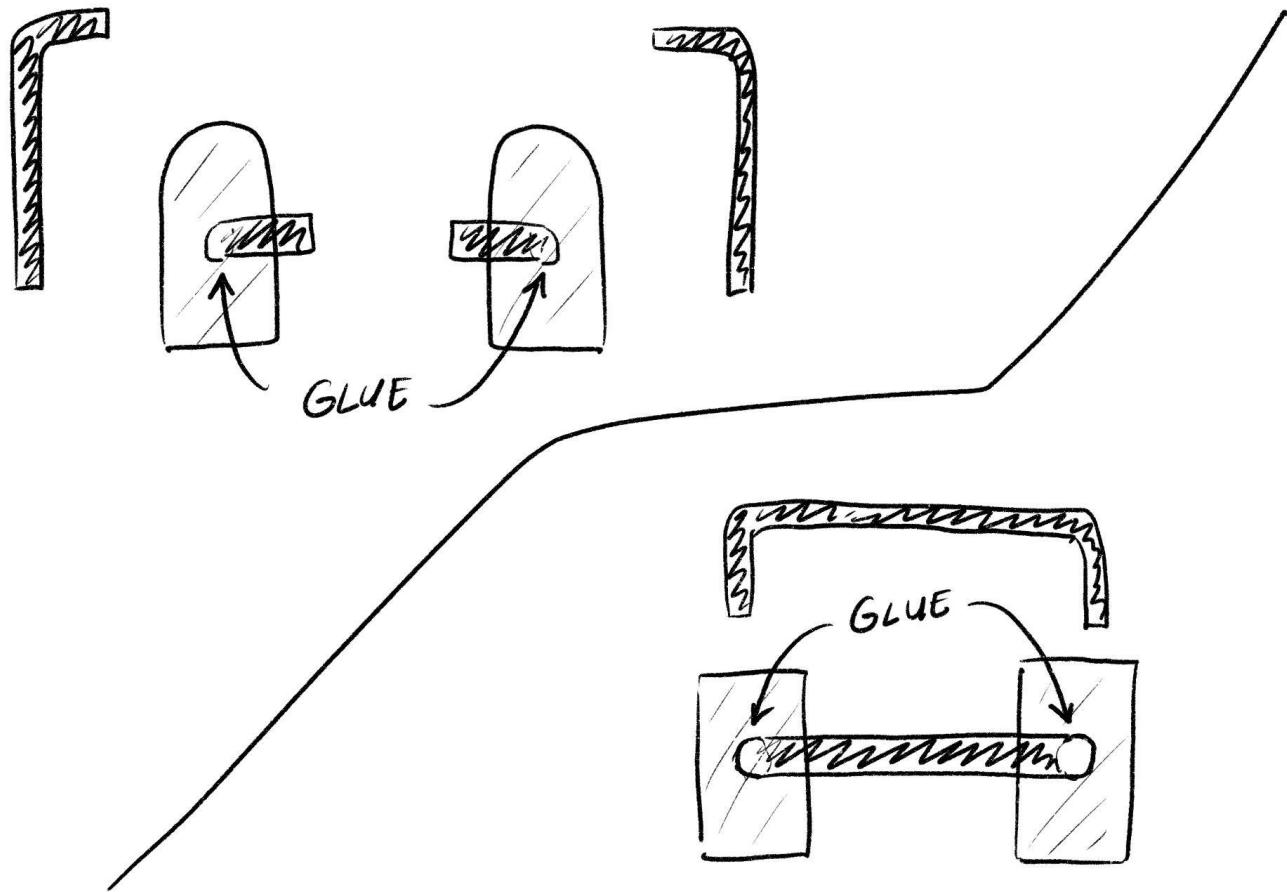
PLASTIC
STRAW

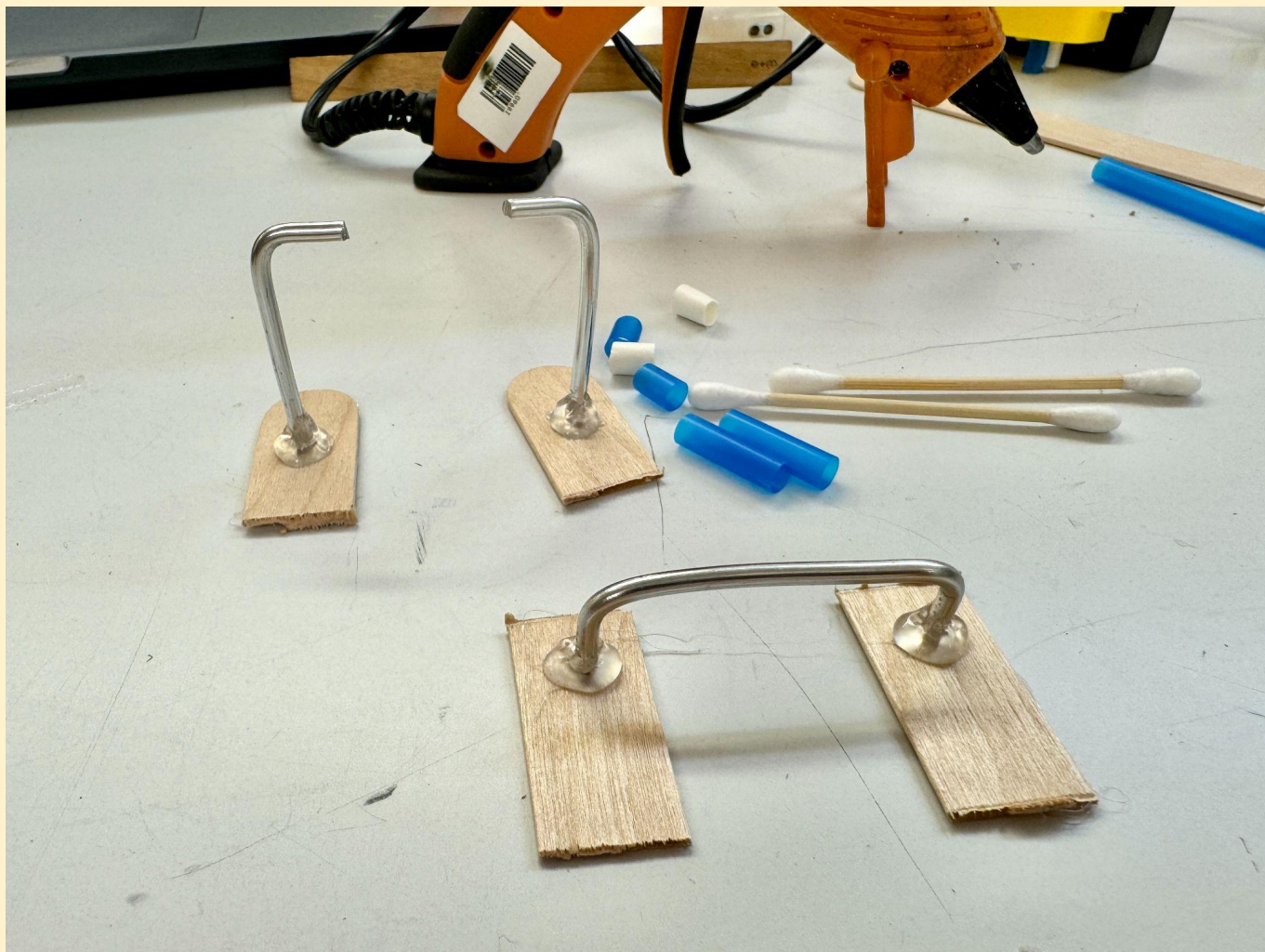


PAPER
STRAW



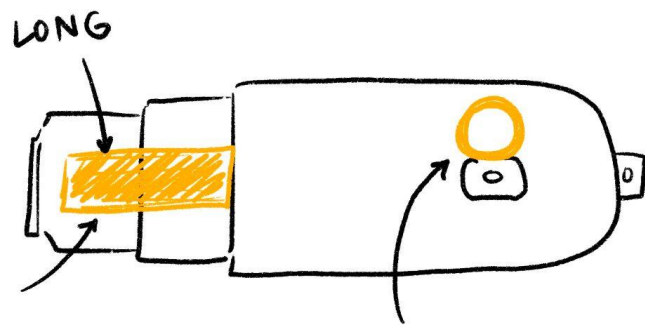






SIDE 1

TO
SIDE



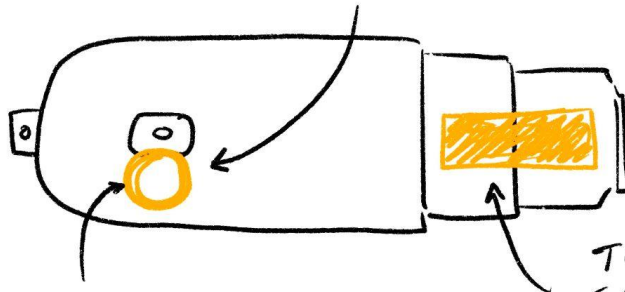
EACH SIDE
OF WHITE
SPINNY THING

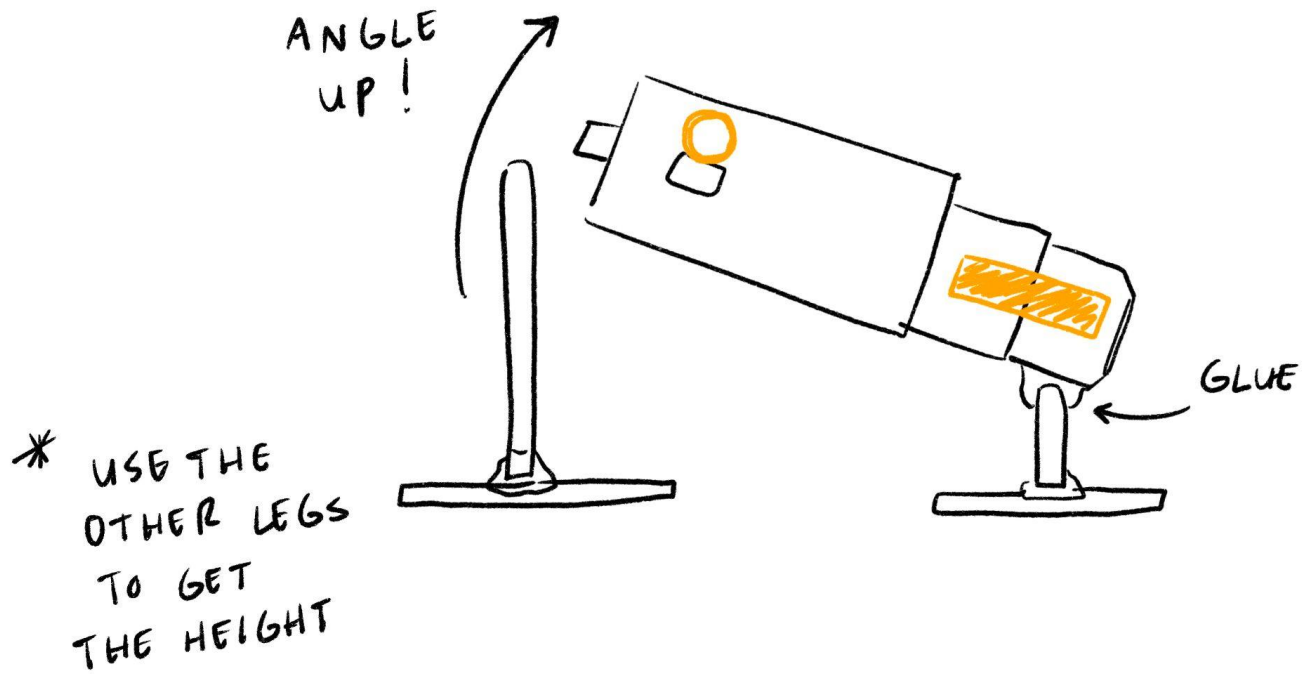
HOT GLUE
STRAWS!
“

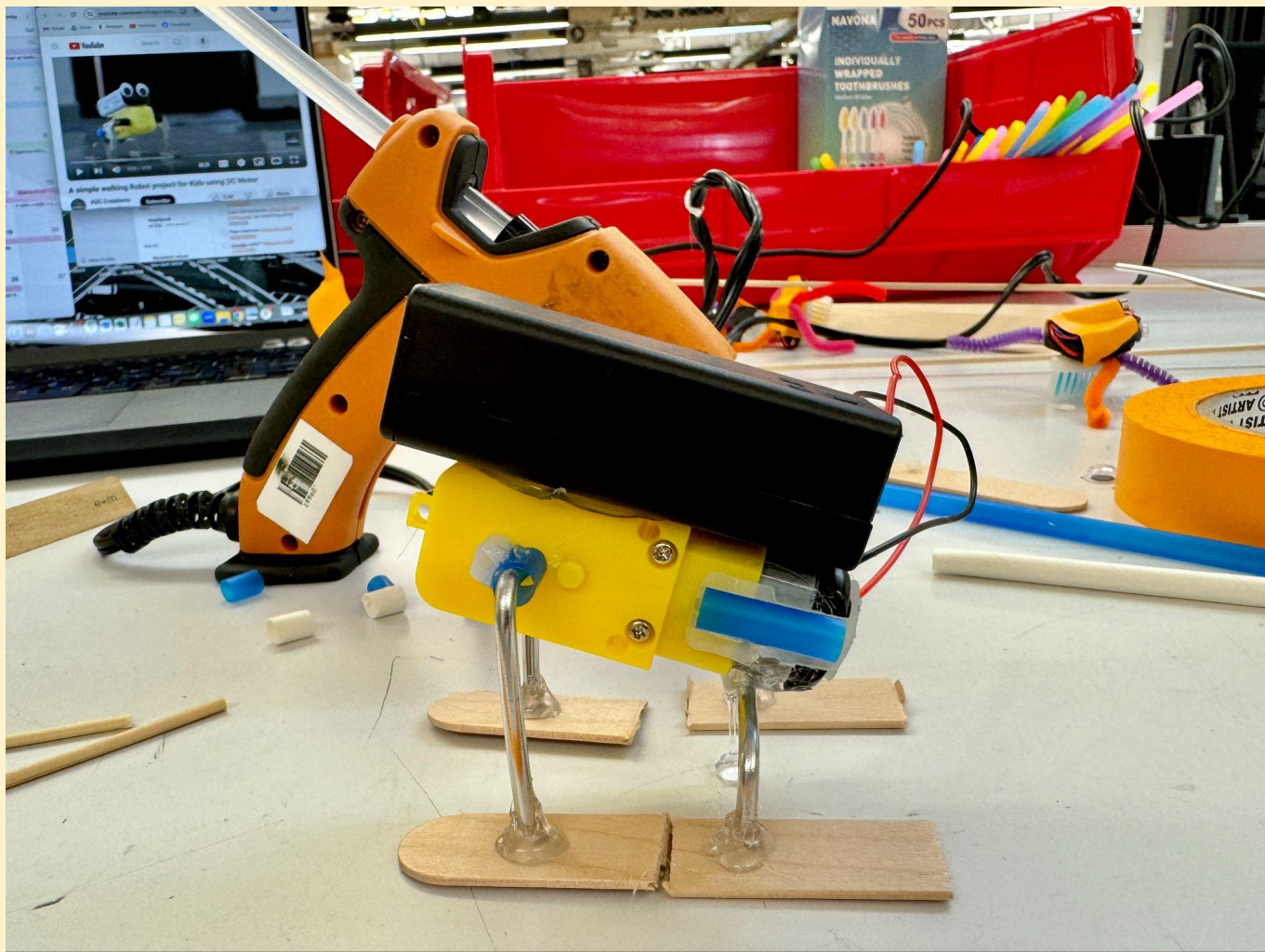
SIDE 2

SHORT

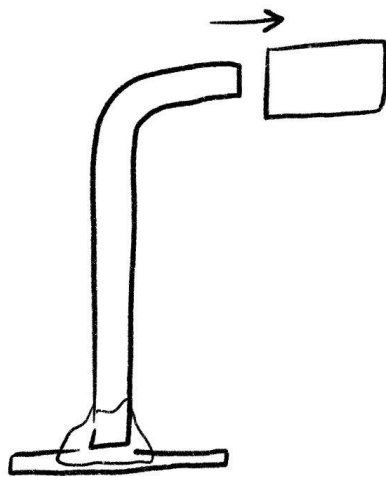
TO
SIDE



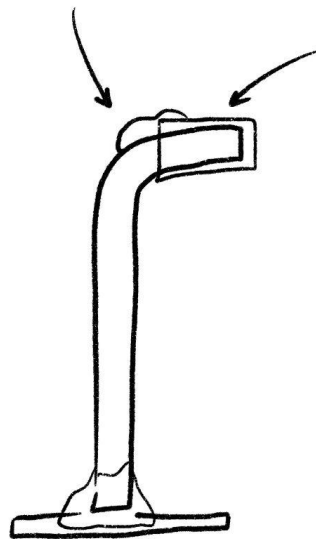




2x

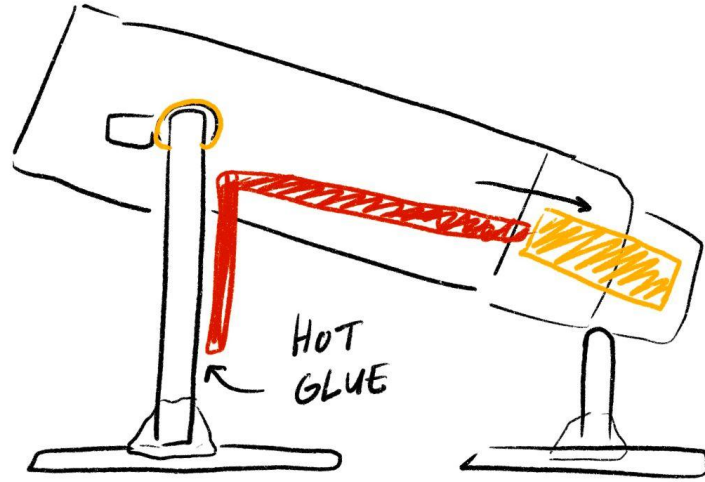


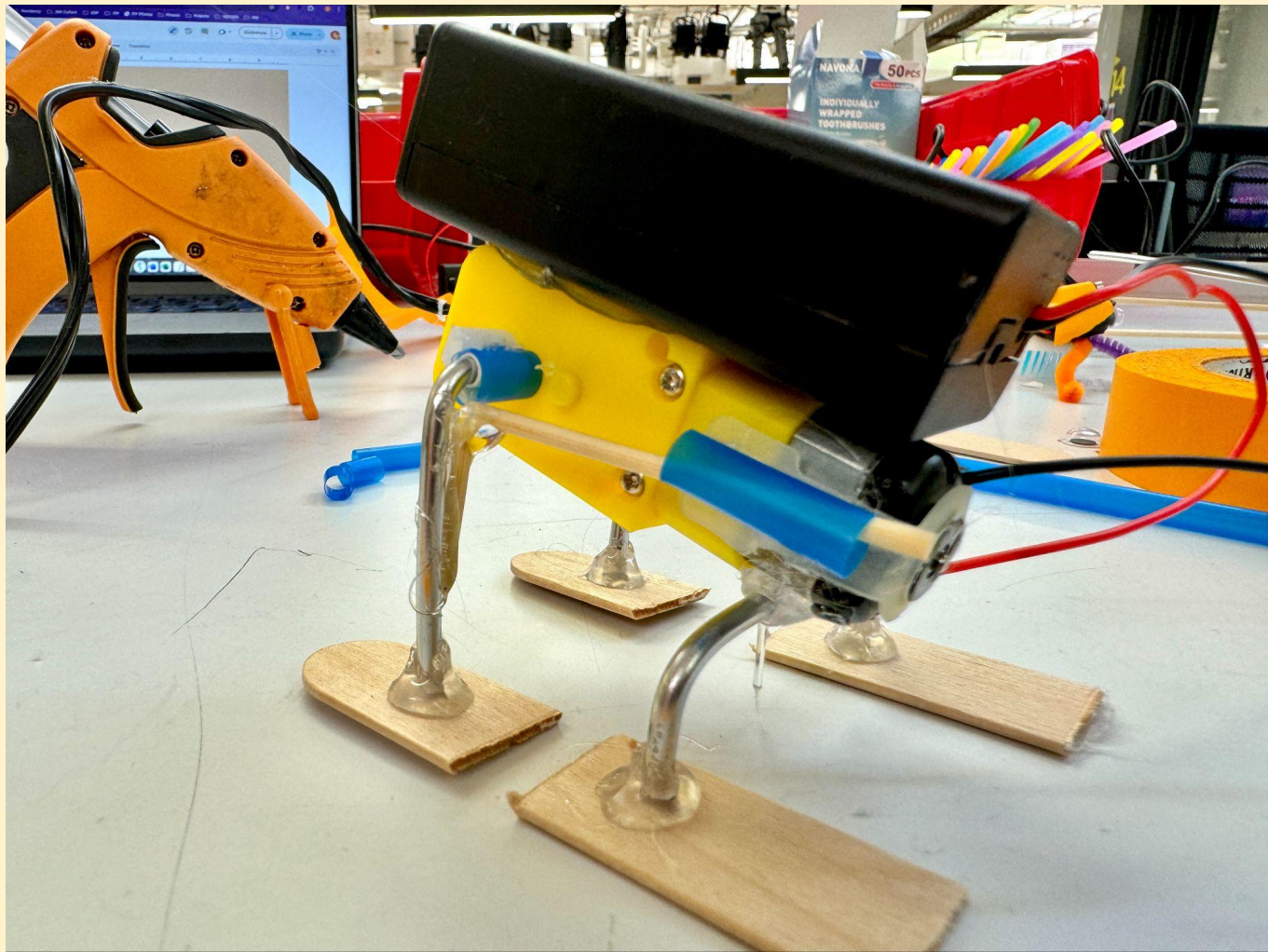
LIL
DOLLOP
OF GLUE



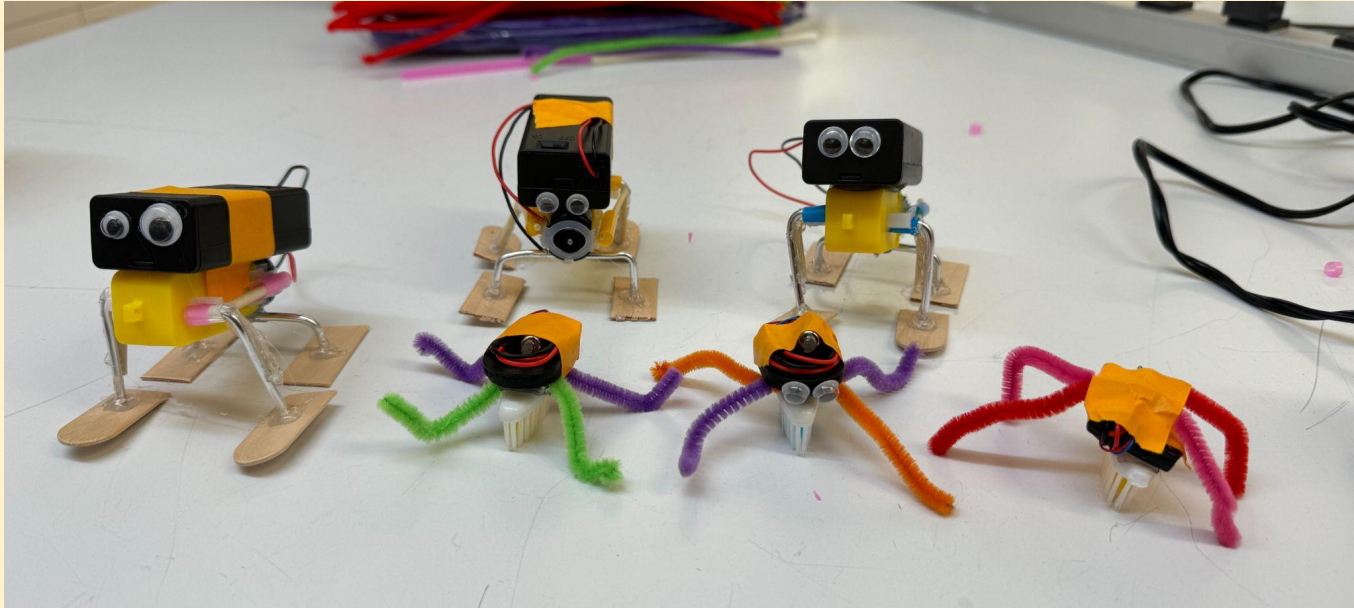
BEND &
WRAP
AROUND







Try racing them, change their shapes and sizes, or add some markers/pens to make a drawing bot!



Thank you!

