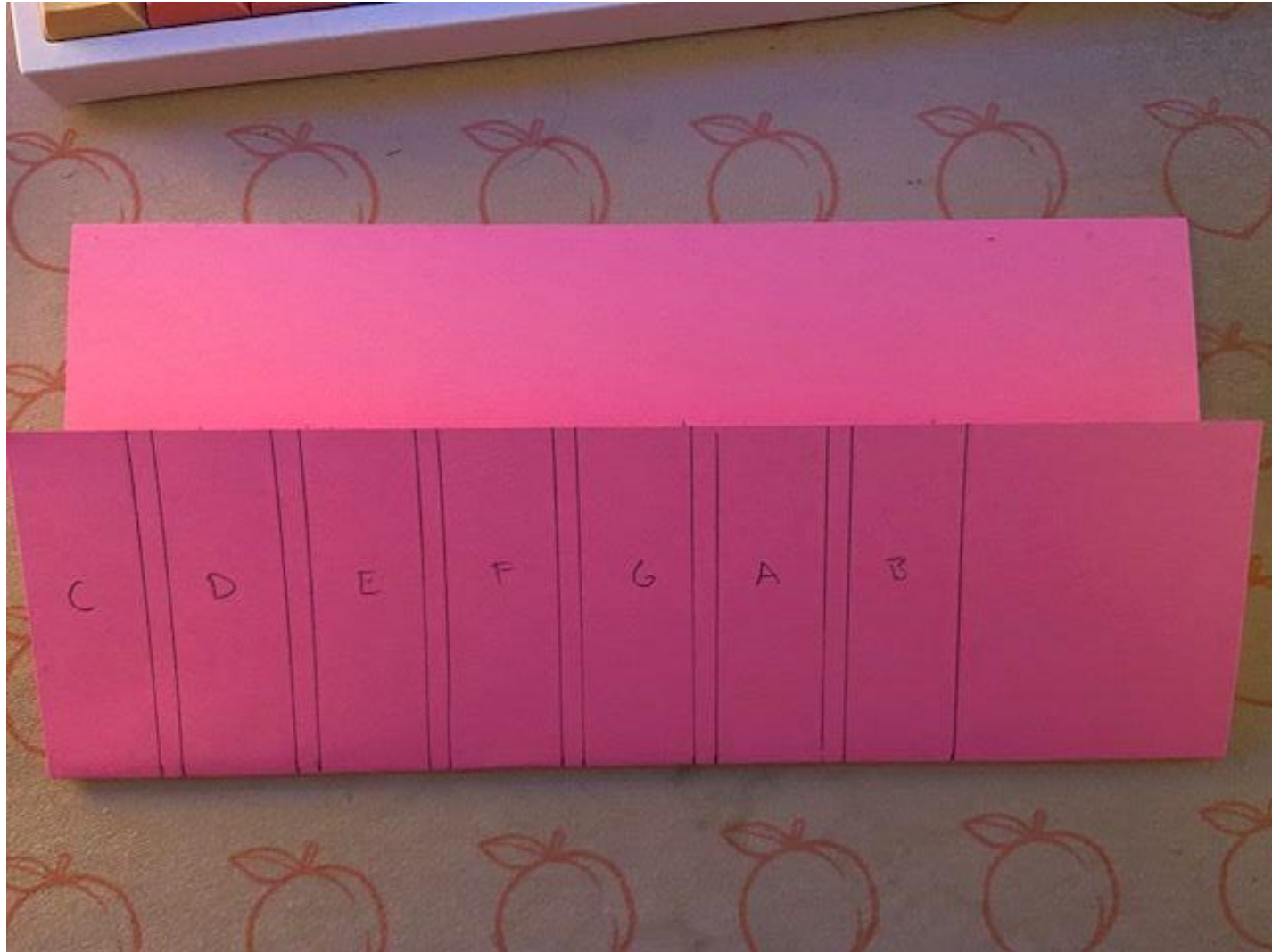# Microbit Piano Instructions

How Can We Use Binary Numbers in Music?

- 7 Notes in the C Major Scale
- 3 Inputs on the microbit
- ???

Step 1

- 7 rectangles for our 7 notes
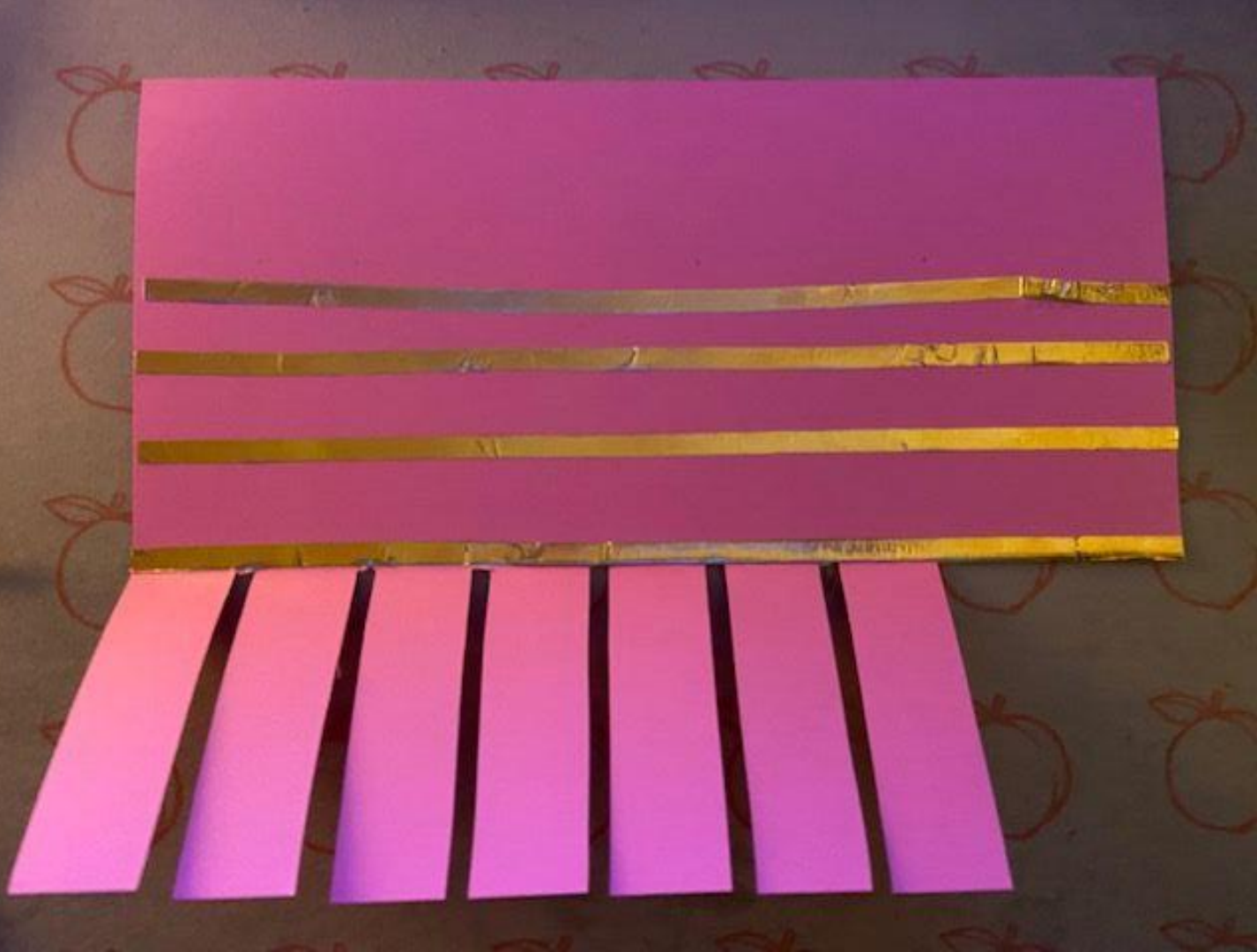- Leave a little space between them

Step 2

- Cut out the smaller sections

Step 3

- Place 4 strips of copper tape like so:
- These will be our wires

Step 4

- Place shorter strips of copper tape on the underside of the keys

Step 5

- Glue pieces of paper over sections of the copper tape to create our binary pattern

Step 6

Connect the pins to the correct strips of copper tape

Code: tinyurl.com/microbitpiano

Microbit Pin	Connect to:
P0	headphone/speaker cable
P1	Strip 2 / line2
P8	Strip 1 / line1
P2	Strip 0 / line0
3V	Keys strip
GND	headphone/speaker cable