To catch up:

1. Show the comb thing
2. Upload files
3. Mention difficulties
4. Mention flextur

One sentence which explains your main project- future open tradition . Fab modules

ELECTRONIC PRODUCTION

-Board has to be exactly flat

-tape it down

- zero the tool

- lower the tool down

make sure machine isn’t old

-Wash board before soldering

can use vinyl for flexible ciruits

important not to machine FR4 so use FR1

Kapton can be made with a vinyl

To make circuits Window glass for high frequency to make radio etc (commercially they use Teflon)

Mainly going to use soldering

Circuit boards r for hobbyists

Utechnique

Start from inside and work to outside

Can wash when ur done.

Icypropal or soap n water

First aircutt to check ur cutting right

FOR MISTAKES

Braiding to desolder for mistakes

Solder jumpers

HOT AIR GUN VERY IMP WITH THE SMALL PART CONCENTRATOR

Current goes in alphabetical order from anode to cathe- diode makes current go in one direction.

Make the board

Mill away copper you don’t need

**About circuits:**

* Positive to negative (earth)
* Resister reduces current
* Diode only allows current to flow in one direction
* Capacitor –stores energy and releases it again- to smoothen current from computer. They don’t generate current but
* Crystal-20mhz or resonators placed outside to communicate with computer –it creates an exact rhythm
* Micro precessors/chip –RFID chip is one kind
* Transistor like a relay; two transistors make a flip flop
* Logic gate can make a computer to store memory
* Nand gate can use transistors to make little nand gates
* Ascii table to calc how much data micro chip can store

Imp tacking down from neil, via

**Study parallel and series**

Eev surface mount

Check out mine craft 8 bit cpu

Parallel or series

Make sure all connected in right way round except for resistor