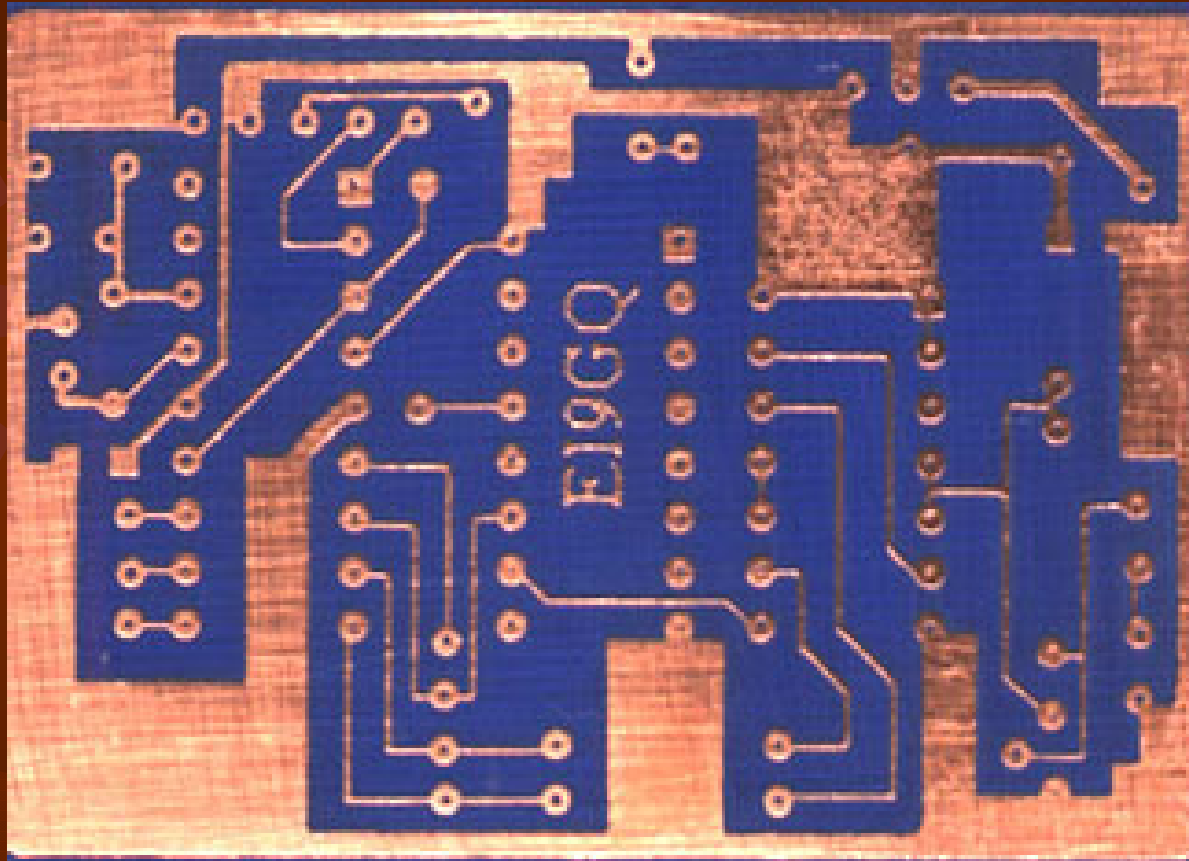


Making A Printed Circuit Board

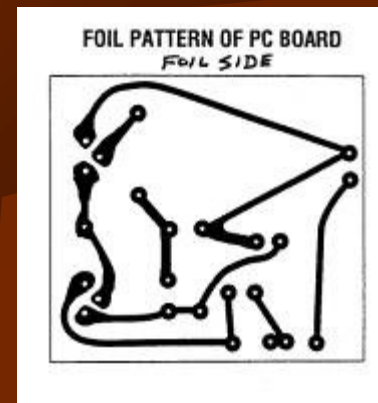
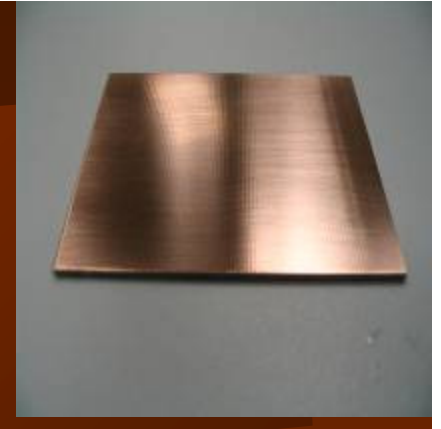




Clean the copper clad board with steel wool, rinse with water and dry completely

Its Not Hard!!

- ✦ You need a clean circuit board
- ✦ An Iron on transfer
- ✦ A hot Iron (set to Cotton)



Step One

- ✦ Lay the copper clad board copper side up on heat resistant surface
- ✦ Lay the transfer ink side down on the copper, make sure its completely on.



Step Two

- ☀ Cover the set up with a single layer of paper towel
- ☀ Press on the iron for 10 seconds...
- ☀ Rotate the iron 90° for 10 seconds and repeat two more times

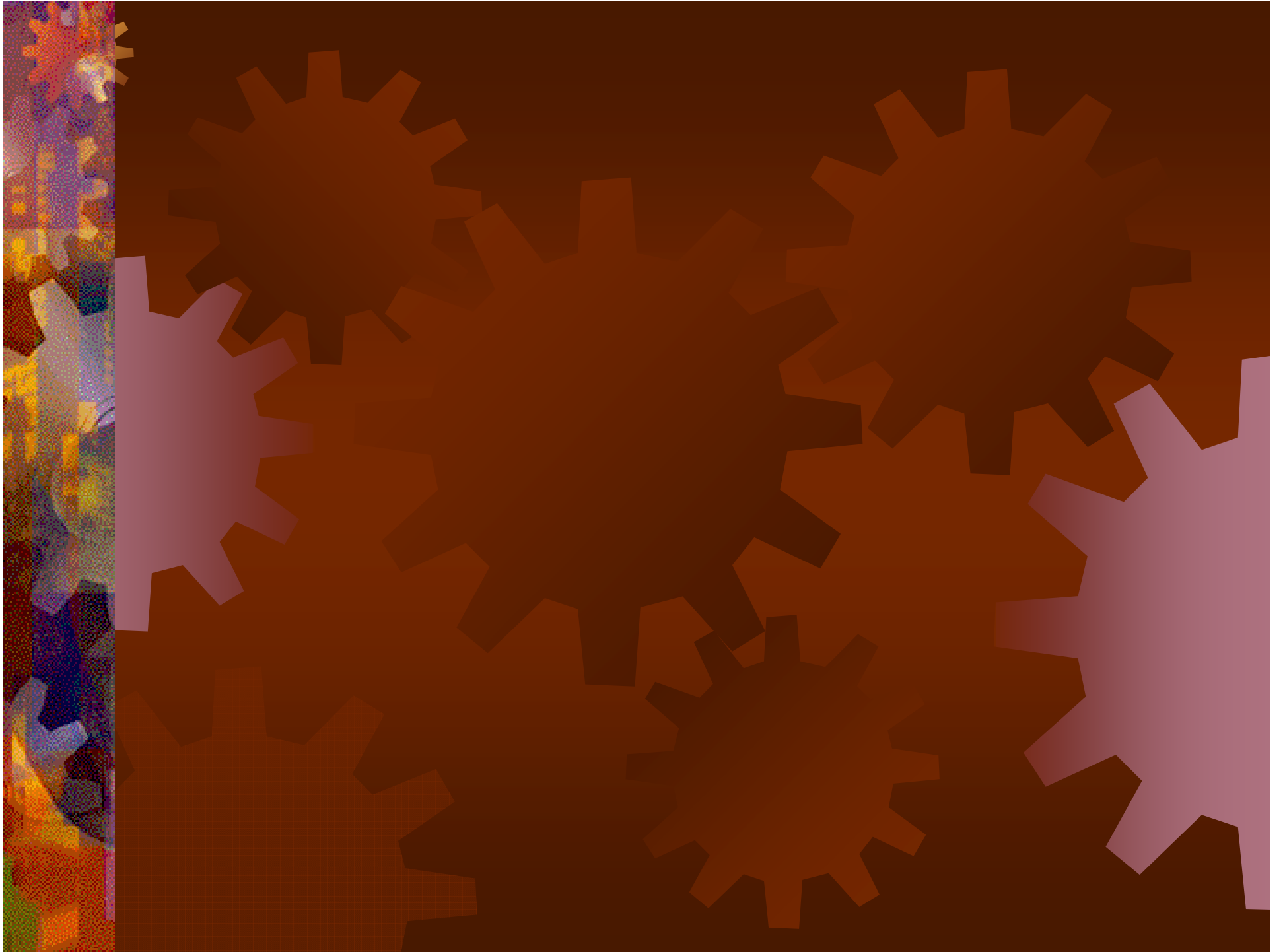


Hot!

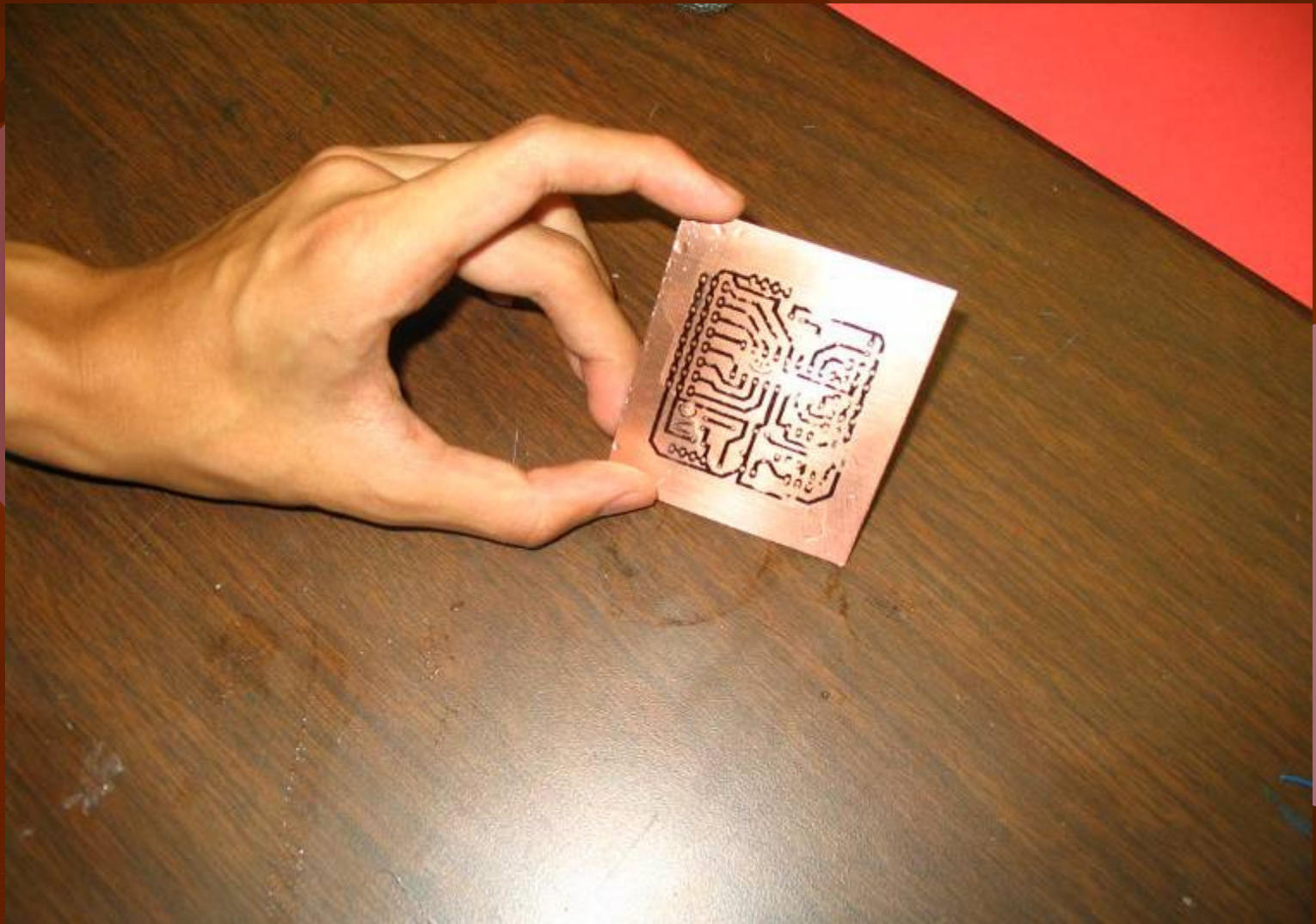
Step Three

- ✦ Carry over to sink.
- ✦ Run under water and allow the paper to soak.
- ✦ Gently rub with your fingers until all the paper is removed





It should look like this...



Missing Tracks ?

- ✦ If any Tracks are missing they must be fixed
- ✦ Allow the ink to dry completely before etching. Overnight is best.



Etching

- ☀ Place the circuit board in the holder and ...
- ☀ Gently lower into the pre-warmed Solution

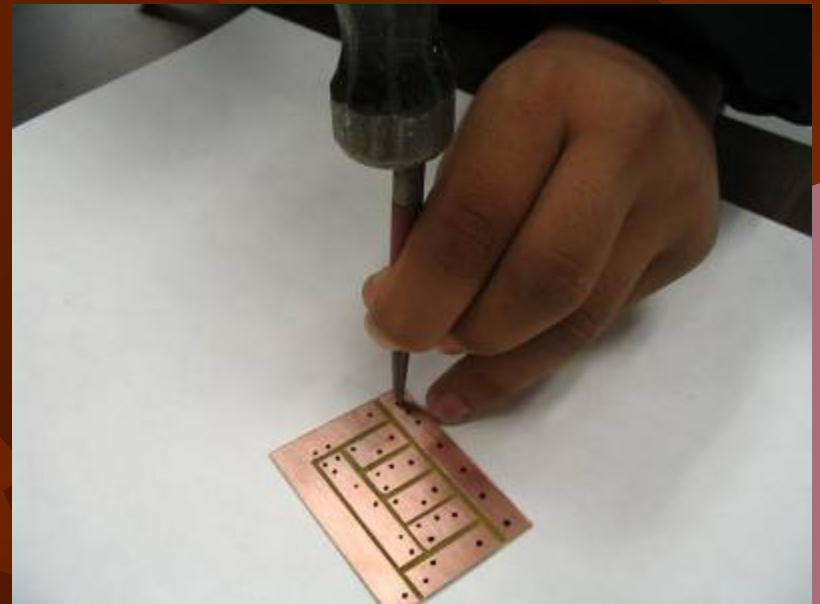


Clean the Etched board with steel wool and rinse



Centre punch...Gently!!

Using a centre punch and a hammer handle, lightly punch each hole location



Drilling

Using a Dremel Drill
drill out each hole
location

Safety Glasses
Are Required
for this

