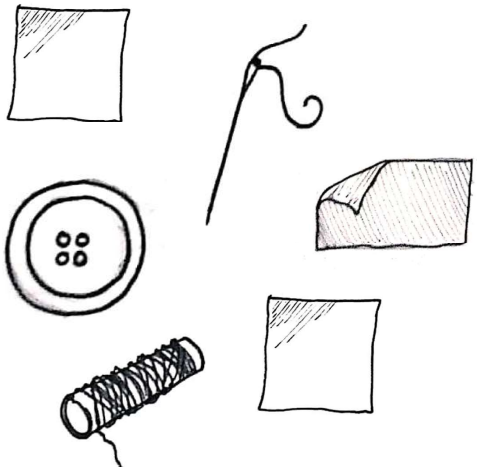
Button Button

The Button Button is another two-state (on and off) button made from textiles. It uses a plastic button, sewn in position with conductive thread, which than can be integrated into a circuit.

What you need:

CONDUCTIVE THREAD
CONDUCTIVE FABRIC
NORMAL FABRIC (X2)
NEEDLE AND THREAD

PLASTIC BUTTON
(MUST HAVE RAISED EDGES)



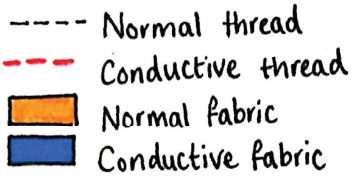
How it Works

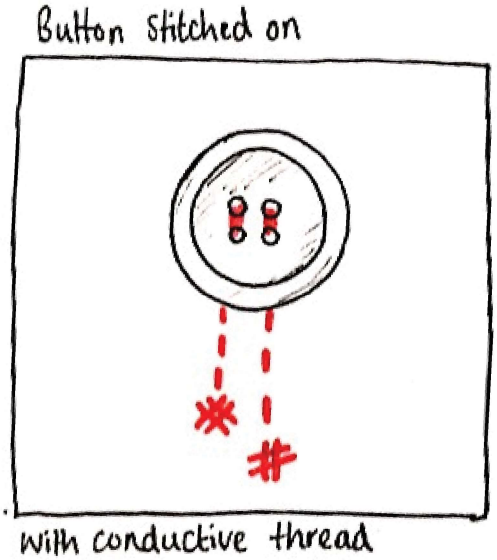
Test by connecting the button to the tester circuit. The LED should light up when you push down on the button.
This is because, when pushed, the conductive fabric forms a connection between the two bridges of conductive thread holding the button in place. This completes the circuit so the current can run through and the LED lights up.

Build Illustration

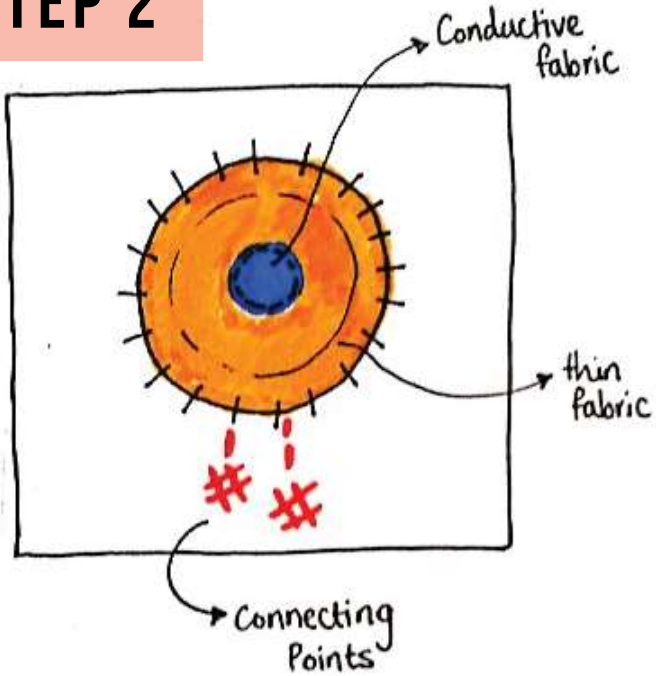
STEP 1

Sew the button into position, onto the base fabric, using conductive thread. Each side of the button should be sewn down seperately, with a seperate piece of thread. From each side, a connecting point can be made at the base of the fabric square.





STEP 2



Cut out your second piece of fabric into a circle that will fit over the button, leaving enough excess to be able to sew around.
Cut a small circle of conductive fabric to fit in the centre.
Sew the conductive fabric in the centre of the normal fabric. If the fabric is thin, it can sit on top, if not, it should be on the bottom side.
Sew this over the top of your button, making sure it is taught so it is not constantly touching the centre of the button.