

This circuit is to be used with E-Textile components such as the Button Button and Stroke Sensor. It allows you to see if your component works correctly.

When connecting your component to the Test Circuit, if the component has been built right, the LED should light up when it is used.



BUILD ILLUSTRATION

STEP 1

Cut out your piece of base fabric and two triangles of conductive fabric. Sew the triangles into position as shown in the image, using a running stitch.

Coil the ends of the LED and resistor. For the LED it is a good idea to coil the ends differently so that you know which side is positive and which is negative.



Normal fabric Conductive fabric Normal thread Conductive thread

STEP 2

Sew the resistor and LED into place using normal thread. From one end of the LED use conductive thread to sew down and form a connecting point which will sit under the battery.



Using conductive thread, sew from the LED to the resistor. Then seperately sew from the resistor to the conductive fabric.

► Resistor 47_Ω

Place the coin battery on top of the connecting point previously stitched in Step 1. Make sure it is the correct way round for the LED. Cover the battery with a square piece of fabric and sew into place. It is best to sew precisely around the edge of the battery so that the fabric holds it firmly in position. Using conductive thread, sew from the top piece of fabric to the second peice of the conductive fabric.