

STEP 1.

BACK

Glue battery holder on one side of the felt circle close to the bottom as shown. Make sure on/off is on the left side.

STEP 2.

FRONT

Flip felt over and decide where the LED will go. Make sure the + side of the LED lines up with the + side of the battery holder. Glue to the felt.

STEP 3.

BACK

Sew + hole on battery holder to felt with conductive thread. Loop 4 times for a tight connection to the metal and continue to the + hole on the LED. Tie knot and cut thread.

STEP 4.

BACK

Repeat STEP 3 to connect the - hole on battery holder to the - hole on the LED. Make sure the + and - thread lines do not touch and stitches are tight. Tie knot and cut thread.

Materials:

e-Textile Pin

STEP 5.

BACK

Insert battery into the holder as shown and slide the switch to the ON position to test the circuit. The LED should light up.

TROUBLESHOOTING:

\* Try a new battery/check that the switch is set to ON position.

\* Check for any loose threads/ends that are touching other thread or components causing a short circuit.

STEP 6.

FRONT

Glue your fabric design to the front of the felt so the LED shines through.

STEP 7.

BACK

Peel backing from pin and stick to the back of the felt. Congratulations you just sewed a circuit and created a wearable piece of electronic art!