**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.

**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.

**STEP 6.** FRONT
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 7.** BACK
Glue your fabric design to the front of the felt so the LED shines through.

**Materials:**
- Coin Cell Battery 20mm (CR2032)
- LilyPad Coin Cell Battery Holder - Switched
- -14” Conductive Thread
- Sewing Needle
- Pin Back
- Felt Circle
- Printed Fabric Circle

**e-Textile Pin**

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