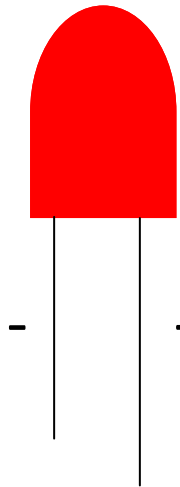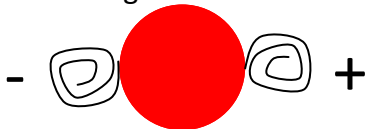# LED Cuff

**You Will Need:**

- Felt strip
- LED lights
- Conductive thread
- Cotton thread
- Coin cell battery
- Snaps
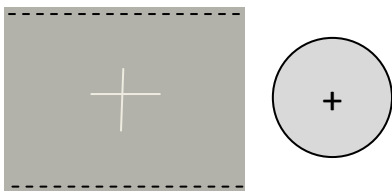- Felt piece (to hold battery)

Before sewing your LEDs in place, bend the legs out to each side and twist them into spirals. Be sure to remember or mark positive and negative legs!

Use a small piece of felt to make a battery holder. With conductive thread, sew a pad on each side. These will touch the battery.
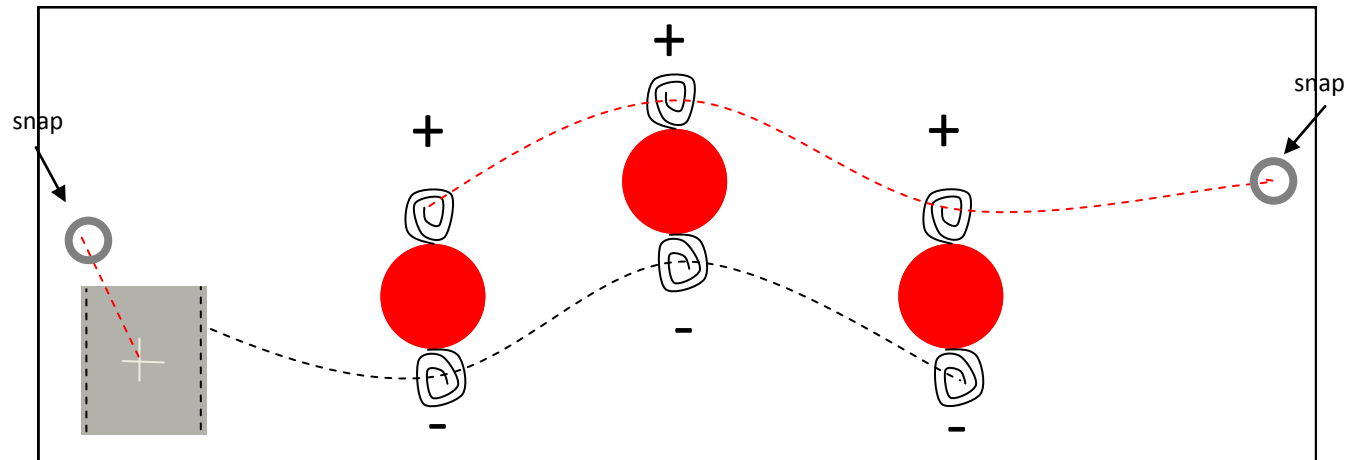
With cotton thread, sew two sides together to make a pocket for the battery. You may want to mark the positive and negative sides.

## Example Stitch Diagram

Yours doesn't have to look exactly like this—make it jagged or swirly, use more LEDs or fewer, but they should be connected in the same way—positive leg to positive leg to positive side of the battery, negative leg to negative leg to negative side of the battery.

As you can see, above, snapping the snap together connects the two pieces of the positive line, closing the circuit and lighting the LEDs.

Be careful not to cross the positive and negative lines—this will "short" the circuit, providing an easier way for the electricity to travel, and your LEDs will not light up.

Happy sewing!