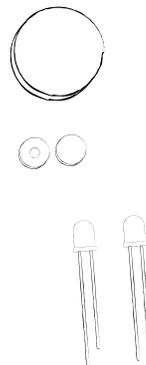
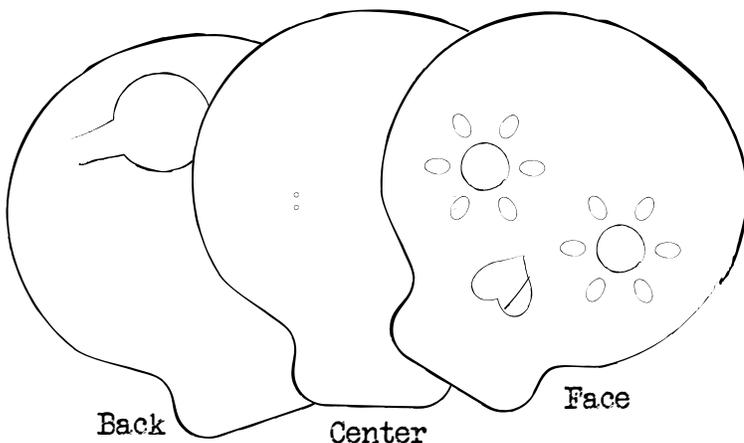


ELECTRIC SUGAR SKULL

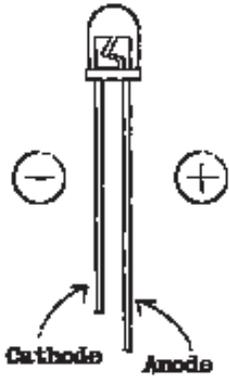
E-TEXTILE KIT



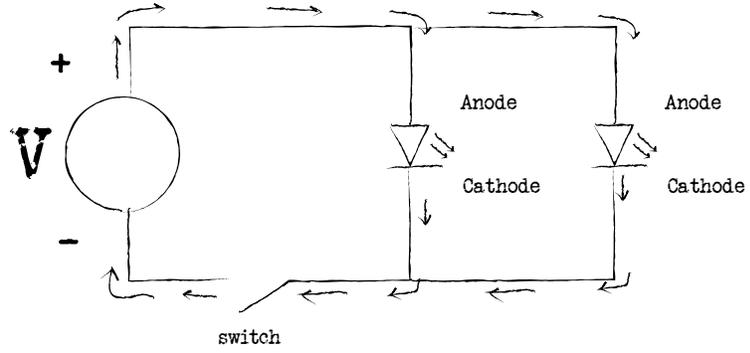
Kit parts



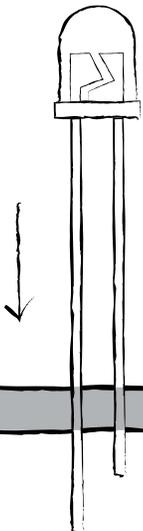
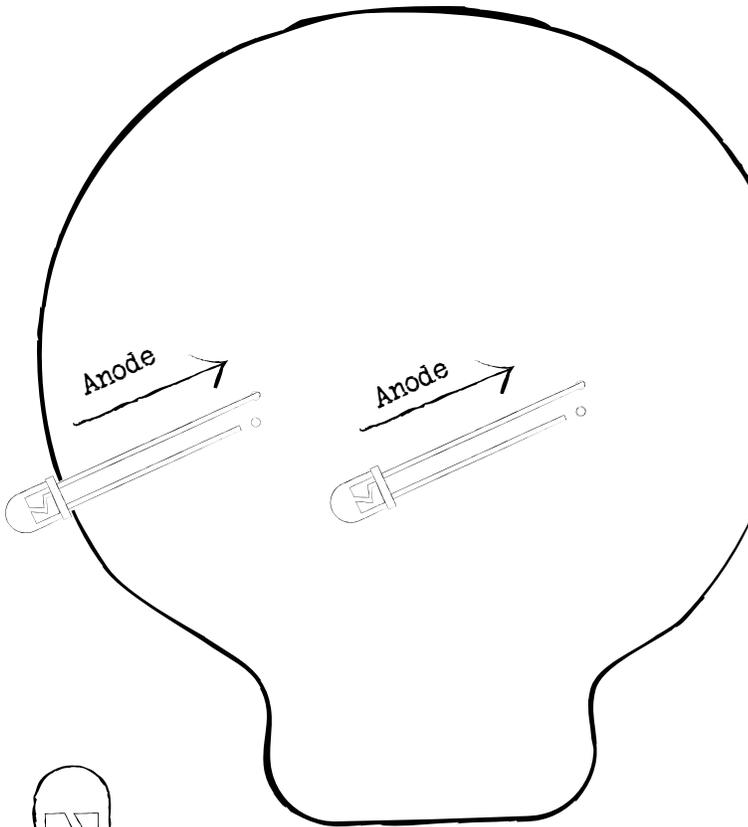
Light emitting diode



This is circuit you are building.



1. Push the LED leads through the front of the center form. Make sure the anode is toward the top.

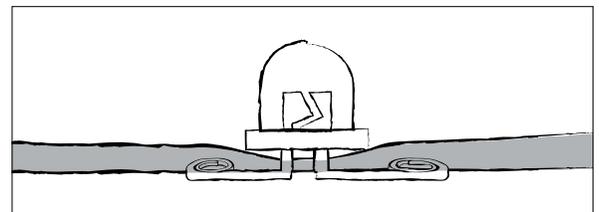
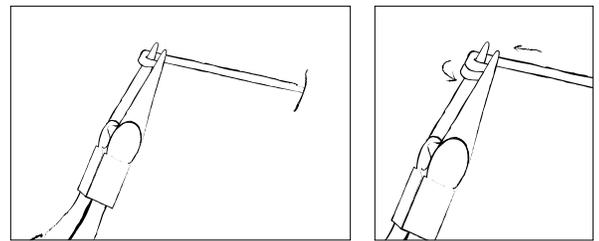
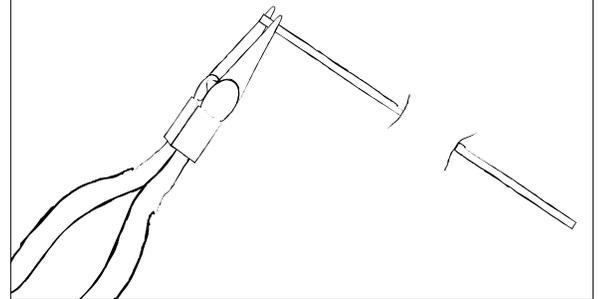


2. Prepare the LED for sewing.

Bend the leads out to the sides



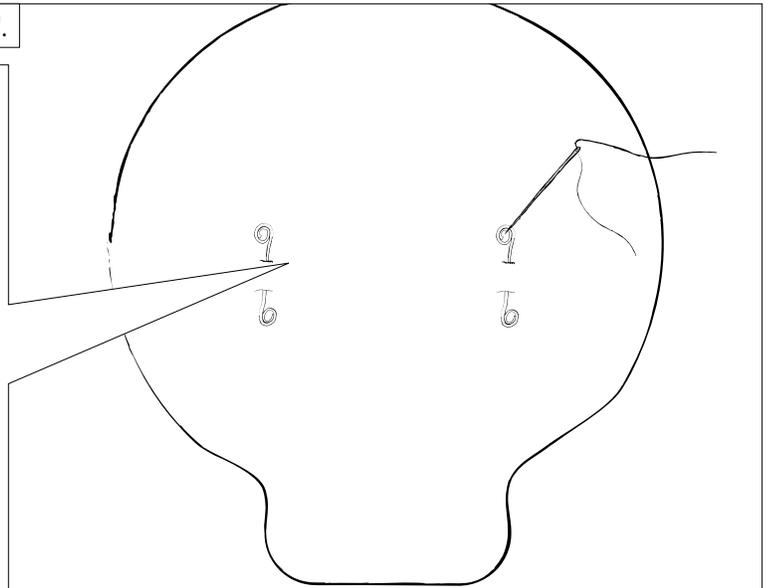
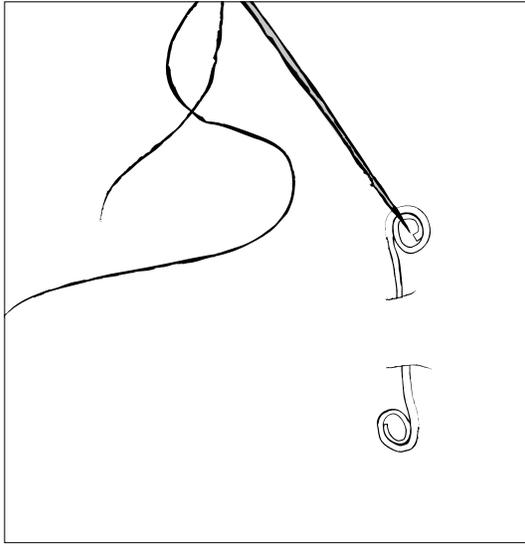
Twist the leads into loops for sewing



This is a ready to sew LED

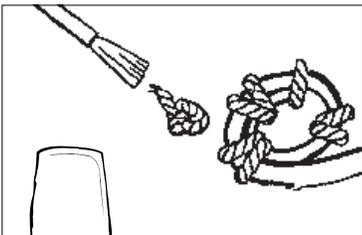
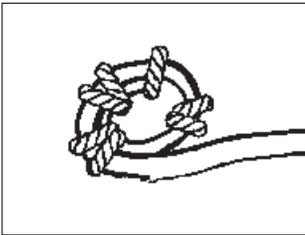
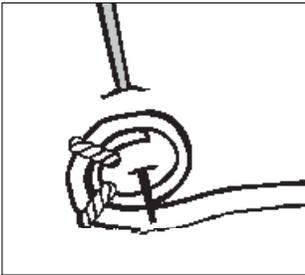


3. Sewn down to the LED leads using the conductive thread.

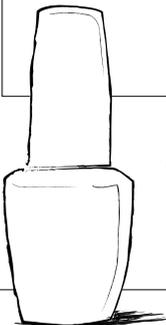


Stitch around the loop several times to make a good solid connection.

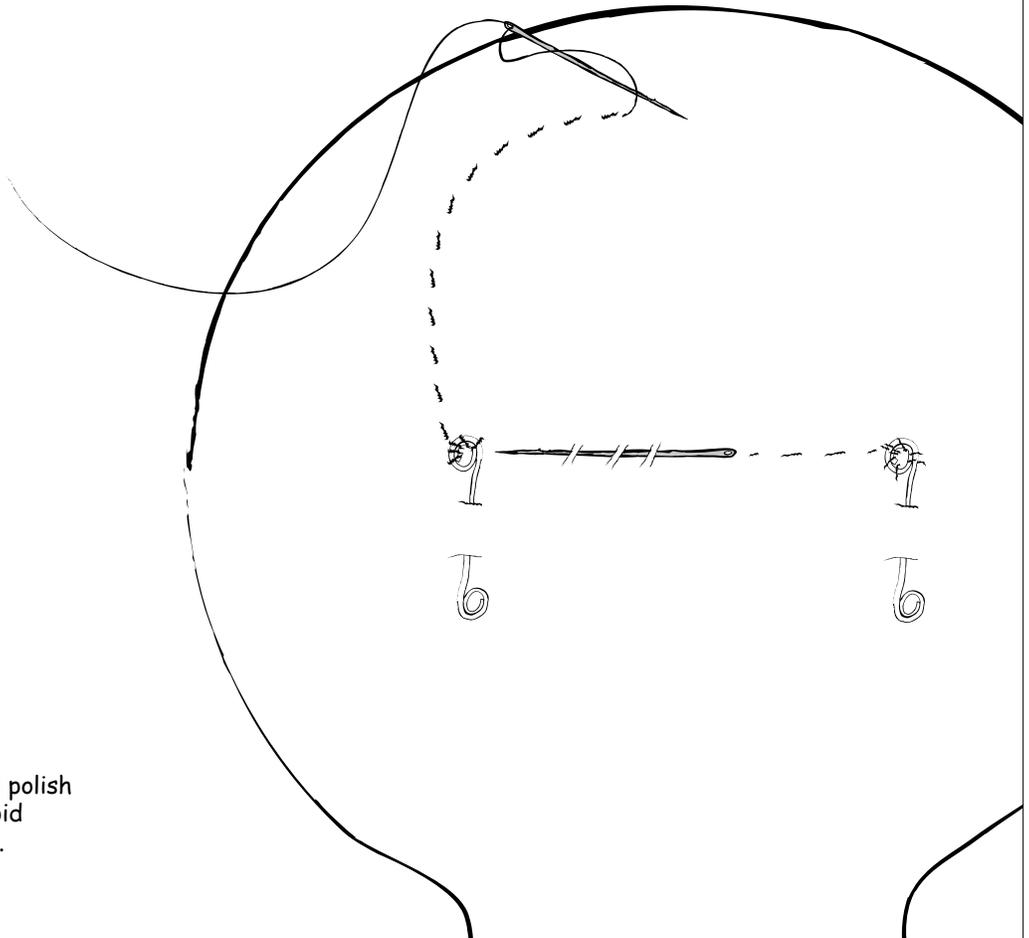
Tie it off in a knot and cut the excess thread.



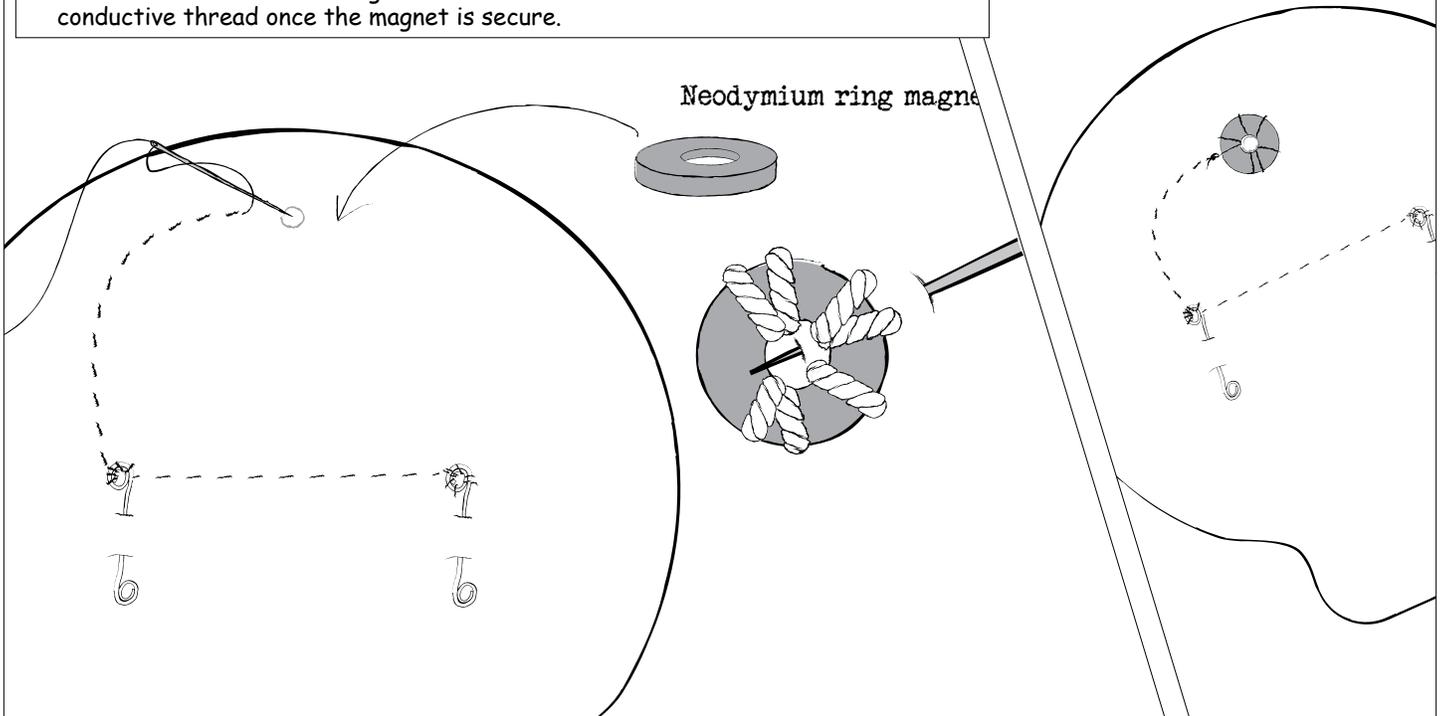
Tip: Use clear nail polish on the knot to avoid frey. Allow to dry.



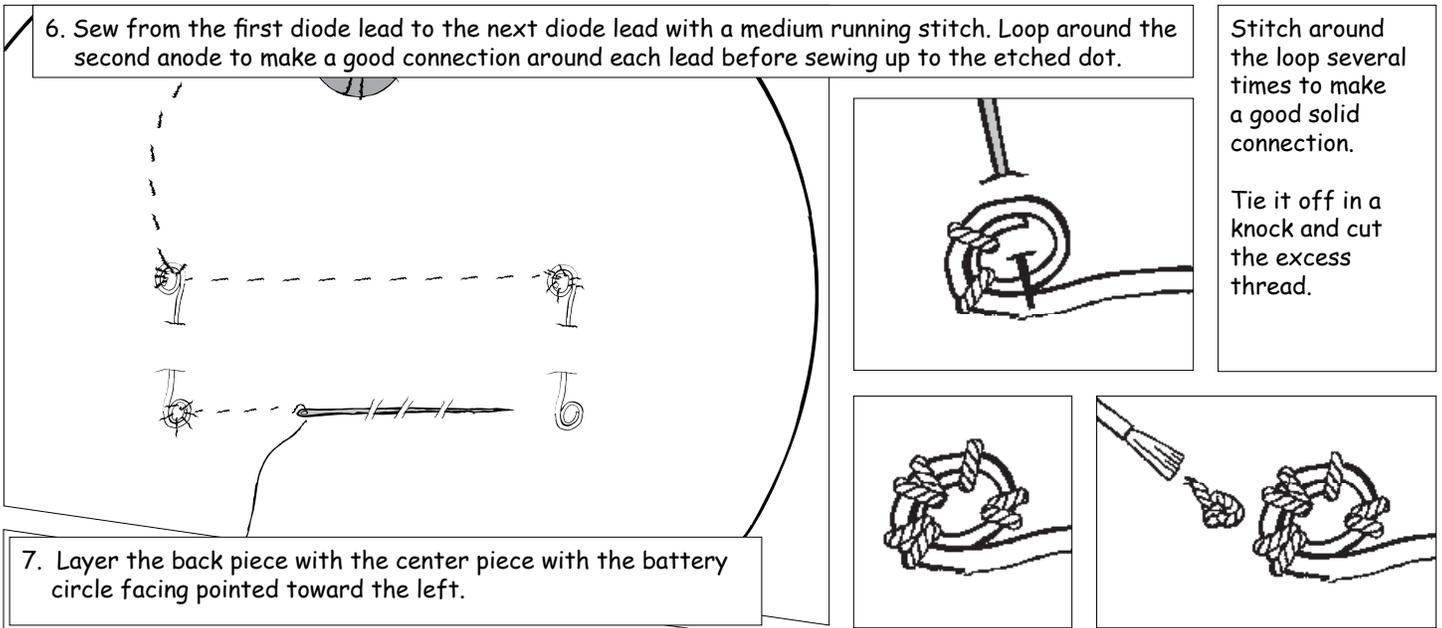
4. Sew from the first anode lead to the next anode lead with a medium running stitch. Loop around the second anode to make a good connection before sewing up to the center with a running stitch.



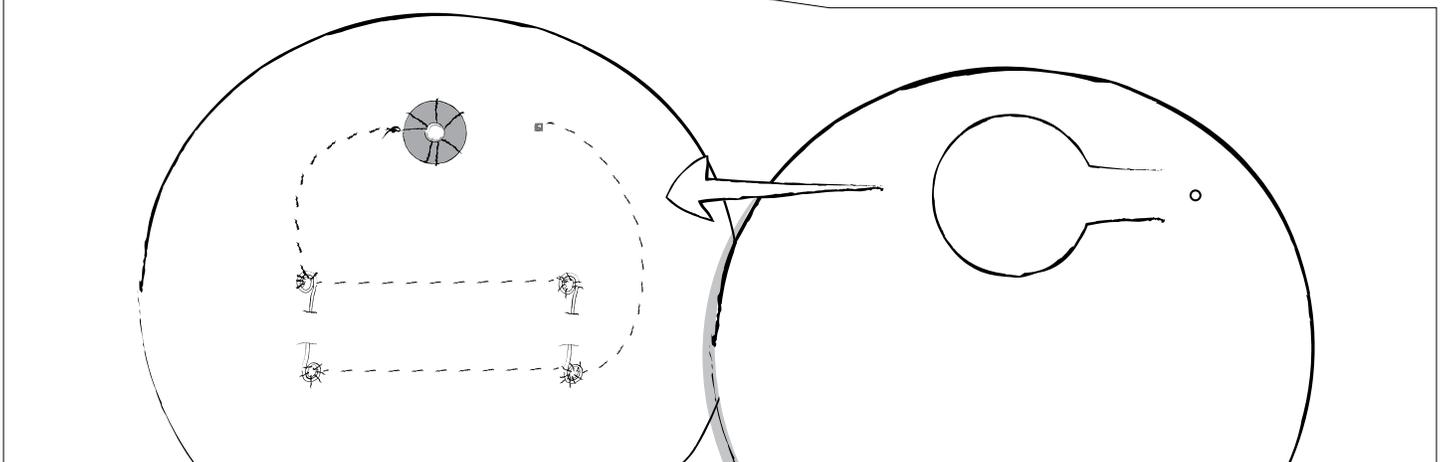
5. Sew the magnet to the center top with the conductive thread. Placement matters. Match the center of the magnet with the laser etched circle. Tie off the conductive thread once the magnet is secure.

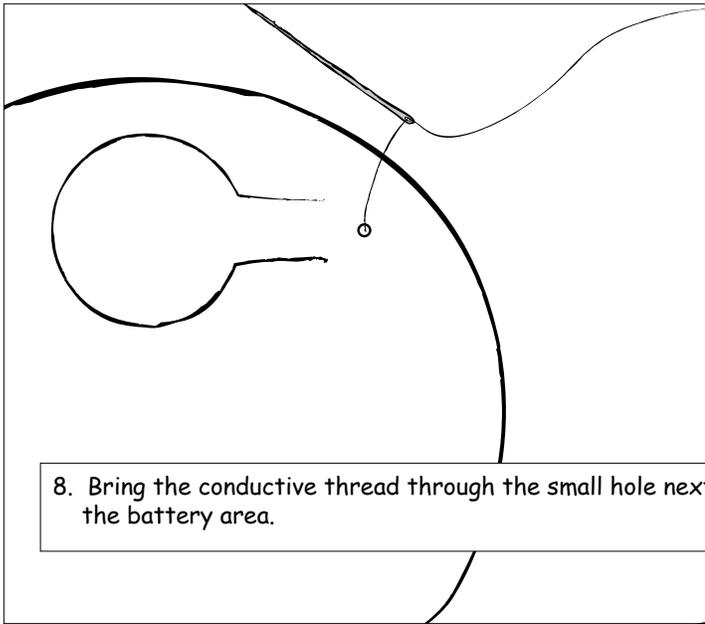


6. Sew from the first diode lead to the next diode lead with a medium running stitch. Loop around the second anode to make a good connection around each lead before sewing up to the etched dot.

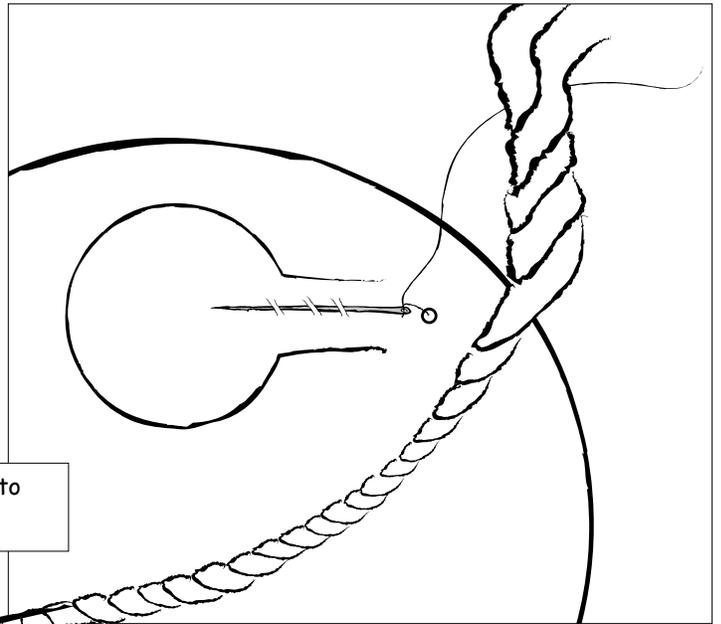


7. Layer the back piece with the center piece with the battery circle facing pointed toward the left.

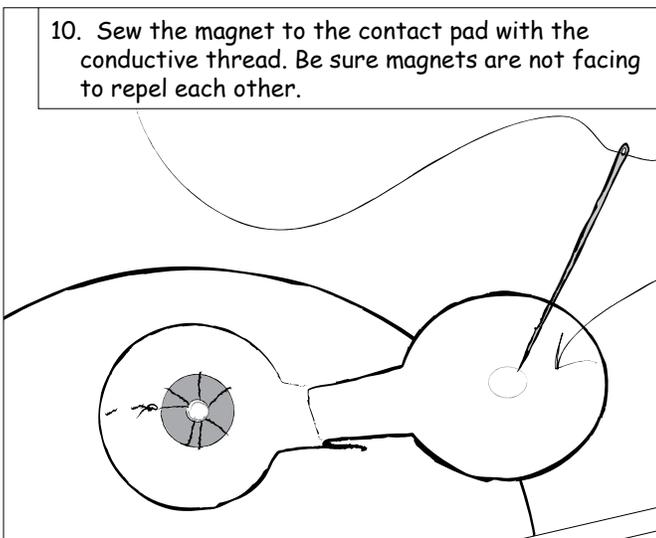
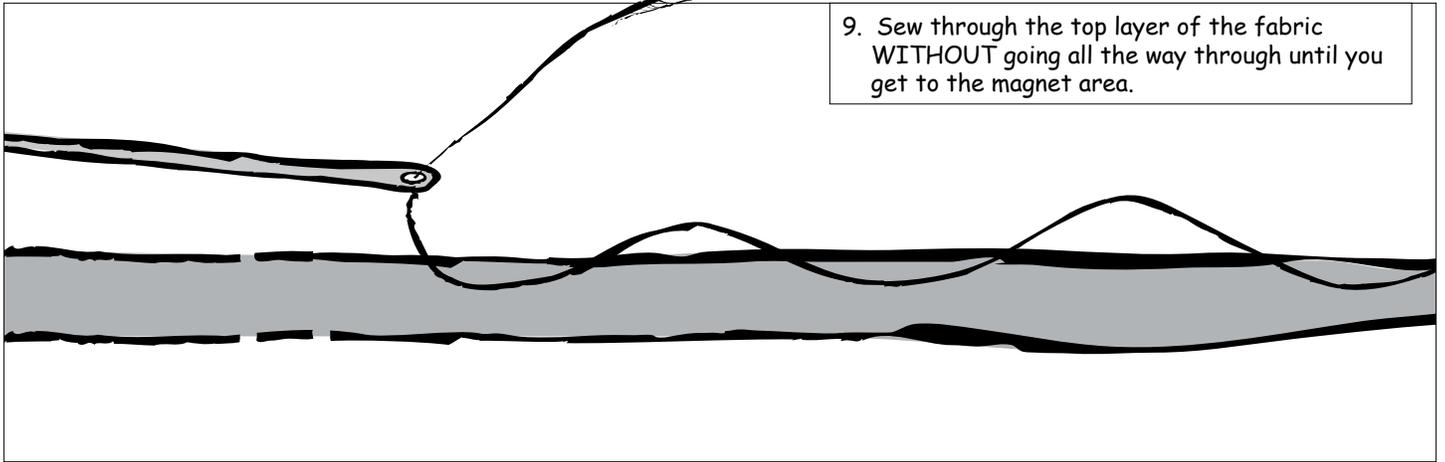




8. Bring the conductive thread through the small hole next to the battery area.

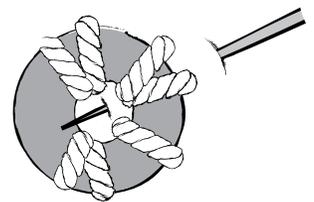


9. Sew through the top layer of the fabric WITHOUT going all the way through until you get to the magnet area.



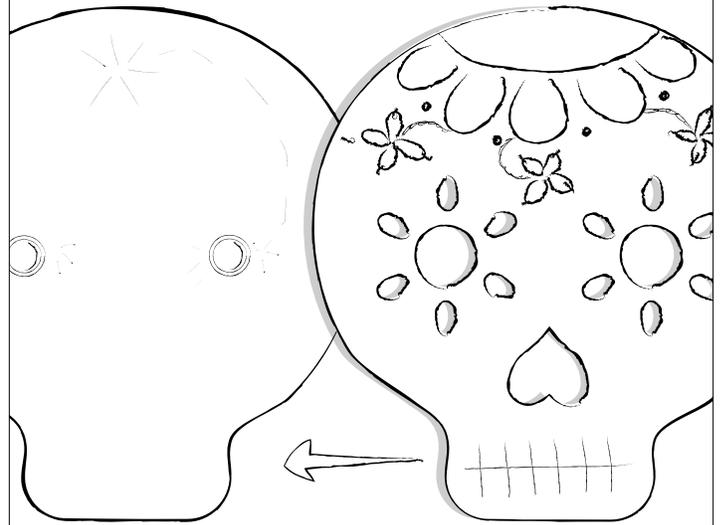
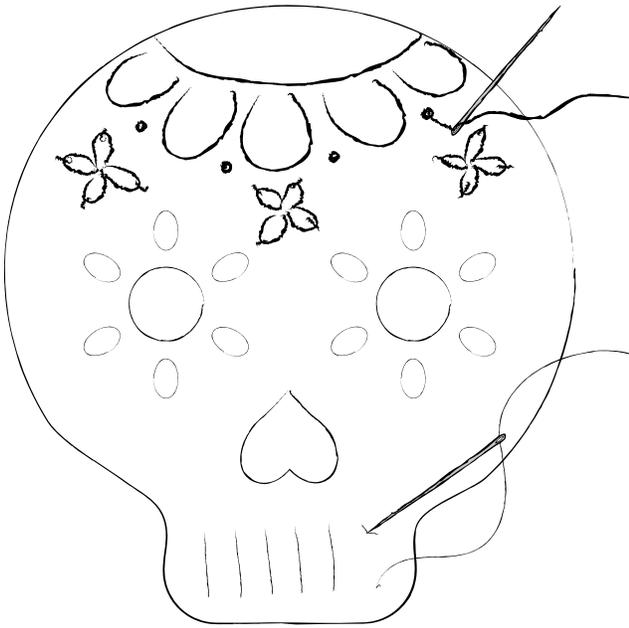
10. Sew the magnet to the contact pad with the conductive thread. Be sure magnets are not facing to repel each other.

Neodymium ring magnet



11. Insert the battery... and you are lit!

12. Use embroidery thread to decorate the front layer.



13. Take the decorated front and place it over the top two layers.

14. Sew all three layers together along the edge using a blanket stitch and embroidery thread.

