

# PAPER TORCH

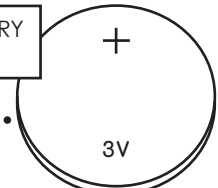
BARE CONDUCTIVE

Make a paper torch using  
conductive paint!

## MATERIALS

PRE-PRINTED BARE CONDUCTIVE CARD THAT  
CAME WITH THIS ZINE. OR, A PIECE OF CARD  
AND A POT OF BARE CONDUCTIVE PAINT.

COIN CELL BATTERY  
(E.G. CR2032)



WHITE LED

RUBBER BAND

CRAFT KNIFE  
OR SCALPEL

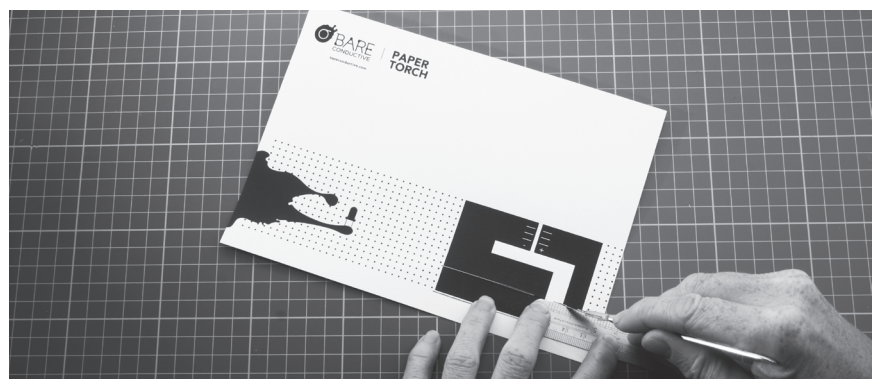


## INSTRUCTIONS

### STEP 1

Using a scalpel knife, carefully  
cut across the white and black  
straight lines on the template  
provided.

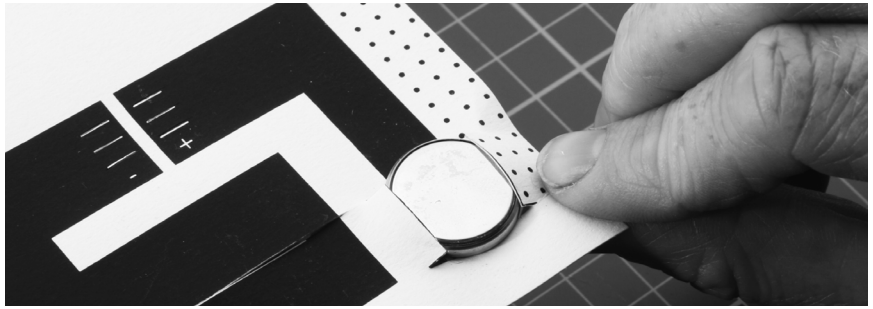
Try not to cut too far beyond the  
lines – when you cut through the  
conductive paint, you break the  
circuit!



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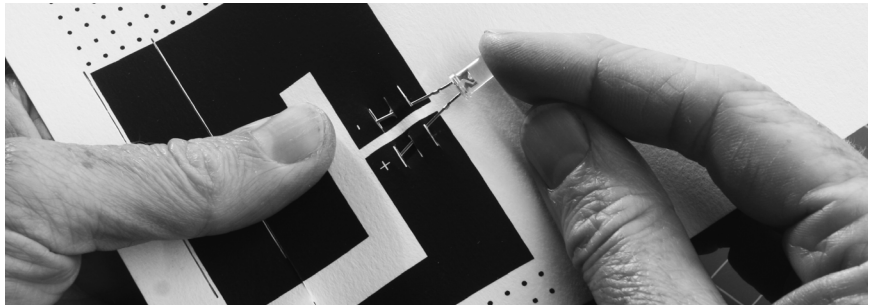
## STEP 2

Slide the battery between the two I slits. Make sure the + side of the battery is making contact with the paint.



## STEP 3

Insert the LED into the 3 parallel slits. Make sure the long leg is on the + side.



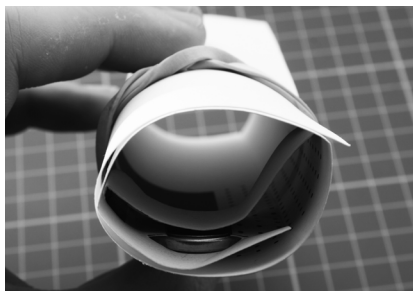
## STEP 4

Roll up your torch so that the extruded flap makes contact with the battery. This will act as a switch to turn your torch on and off. You may have to hold it down with your finger.



## STEP 5

You can now wrap a rubber band around your torch to keep it lit!



# WHAT NEXT?

What other cool lights could you make with your LED and coin cell battery?

What kind of switches could you make with things you can find around the house? What about a pressure sensitive switch under a doormat, or one that's triggered by a closing door or window?

Bare Conductive's Electric Paint provides a great platform for discovering, playing, repairing and designing with electronics. At Bare, we make a range of kits for makers of all ages!

If you enjoy this activity, and want to find more project ideas or products, visit our website: [bareconductive.com](http://bareconductive.com)