

ONE LAST THING!

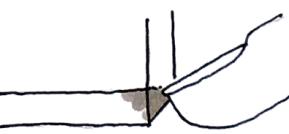
HOW TO FOLD COPPER TAPE



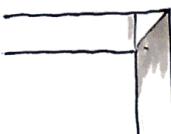
Lay out a piece of copper tape.



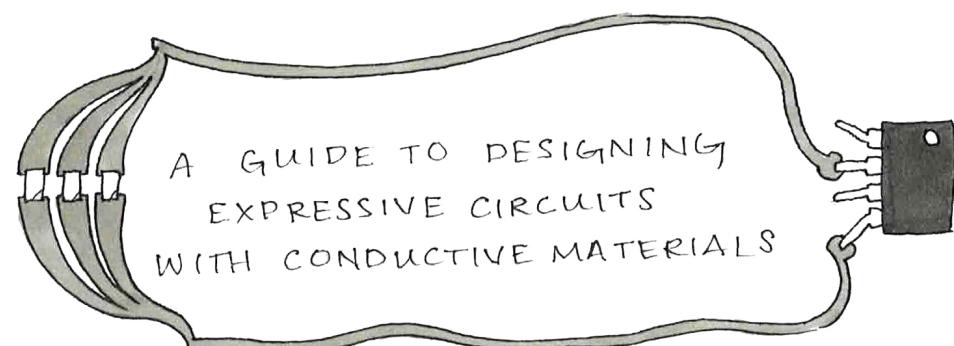
pull it at a 90° angle

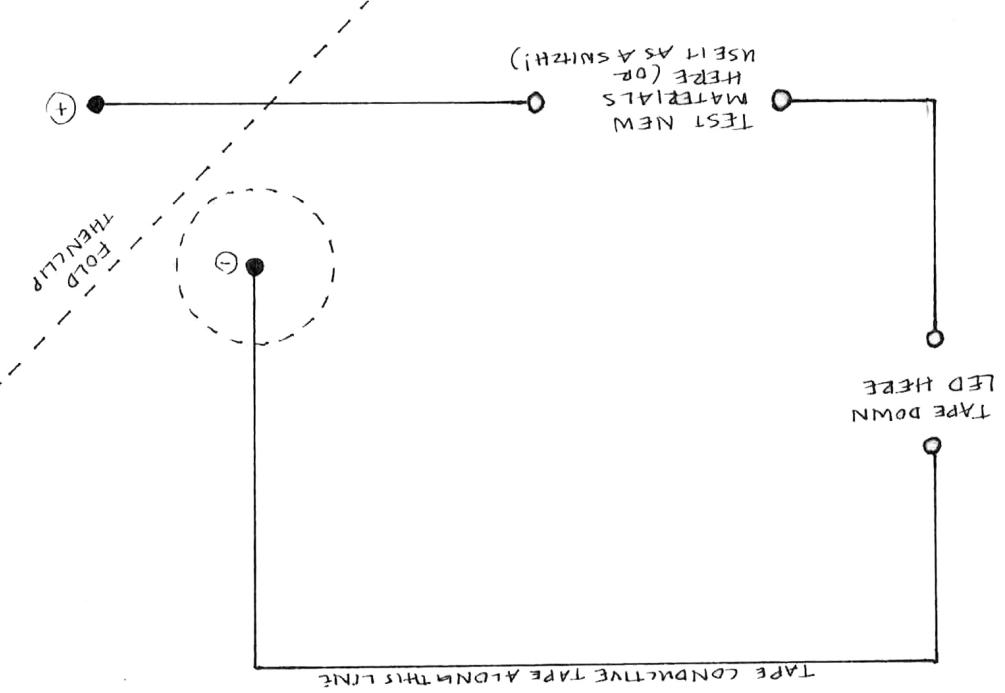


Press the little triangle that forms and hold as you fold it back down.



Press. Voila! A corner with no soldering required.





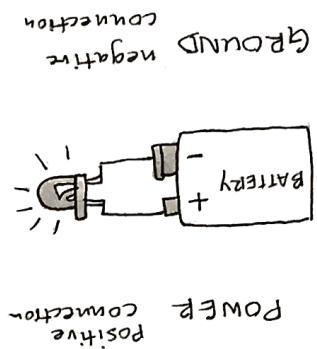
- IS THE CONNECTION STRONG ENOUGH? (SOLDER?)
- IS YOUR LED THE RIGHT WAY?
- IS YOUR BATTERY THE RIGHT WAY?
- DO YOU HAVE A SHORT CIRCUIT? CHECK ANY CROSSED WIRES.
- IS YOUR BATTERY DEAD?

TROUBLE SHOOTING

A CIRCUIT IS A PATH FOR ELECTRICITY
to flow.

HOW DOES ELECTRICITY MOVE?

ELECTRONS WANT TO MOVE FROM A POINT OF GEEETER TO LESS SEE ELECTRICAL ENERGY CYCLE.



POWER POSITIVE

POWER TO GROUND

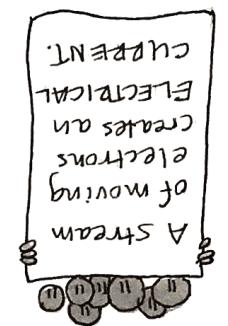
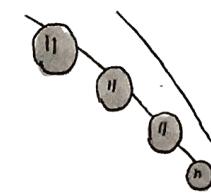
YOU CAN SAY THEY WANT TO MOVE FROM

POWER TO GROUND.

GROUND NEGATIVE

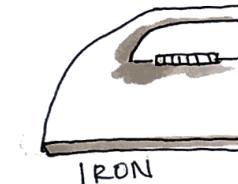
CONNECTION

LOWER ELECTRICAL



A STREAM OF MOVING ELECTRONS CREATES AN ELECTRICAL CURRENT.

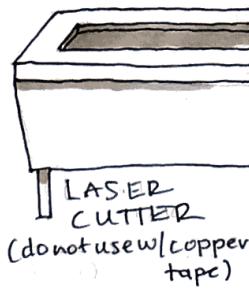
TOOLS + TECHNIQUES ~



SOLDERING
IRON

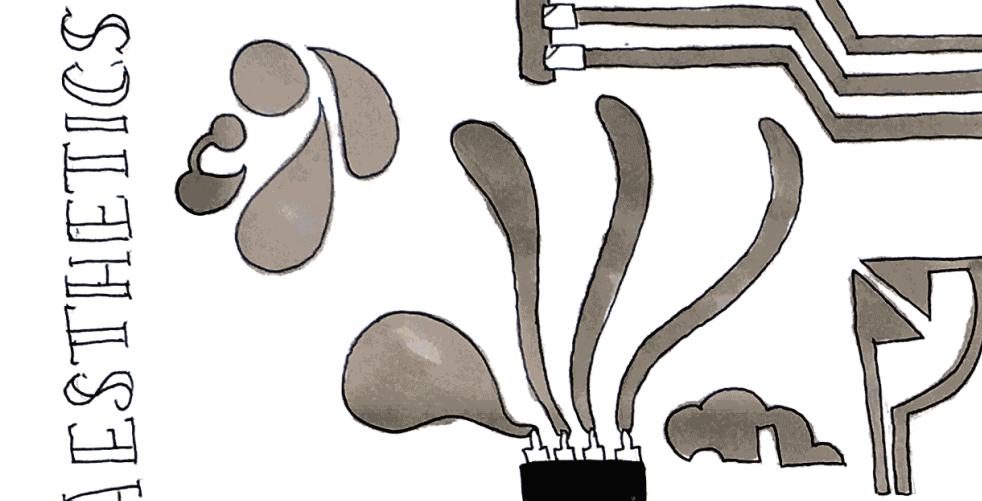


FUSIBLE
INTERFACING

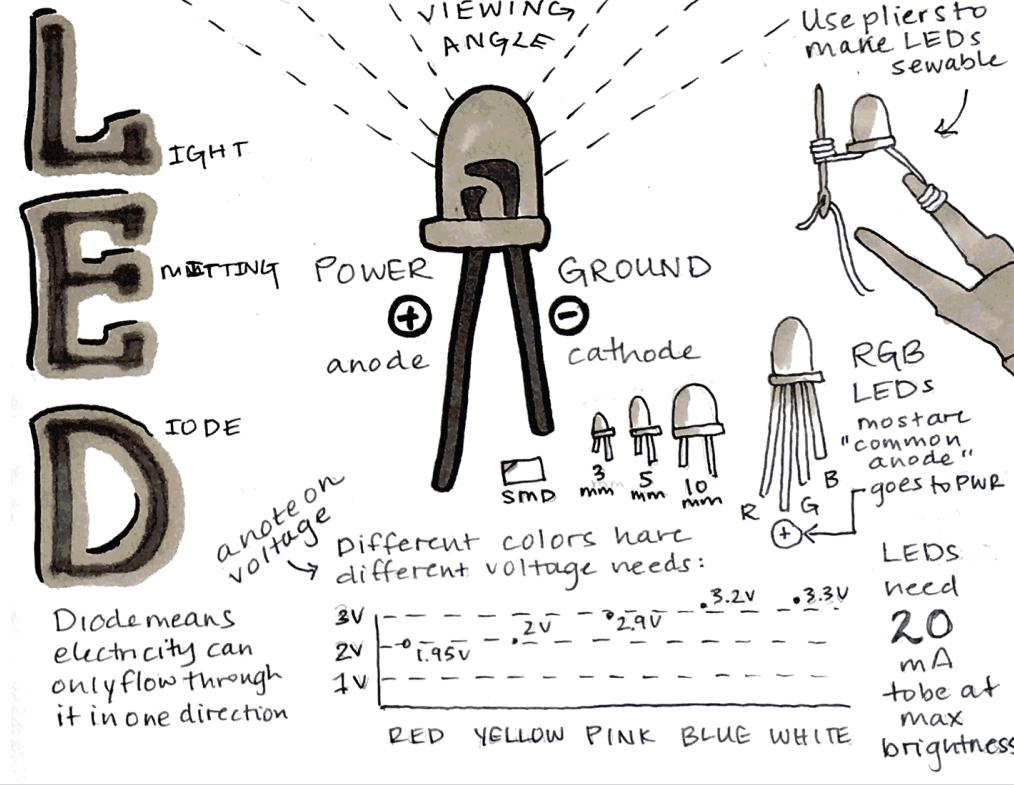


SHAPE
+
FORM

You are not constrained to
the efficiencies of hard PCBs.



MAKE YOUR CIRCUIT EXPRESSIVE



AESTHETICS

VOLTAGE

VOLTS V

Electrical pressure or force between two points.

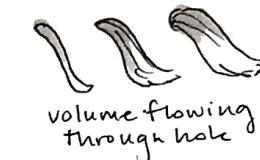


height of water

CURRENT

AMPS I

Rate at which electrical charge flows.

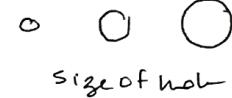


volume flowing through hole

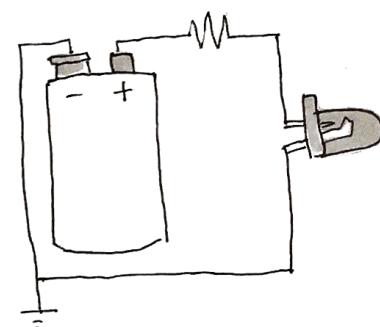
RESISTANCE

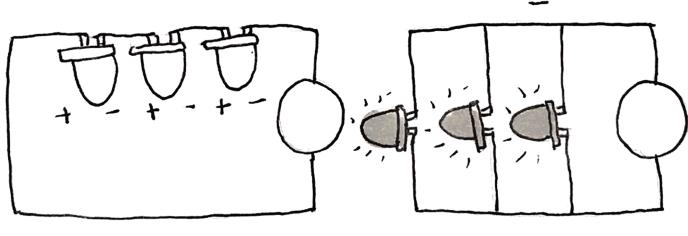
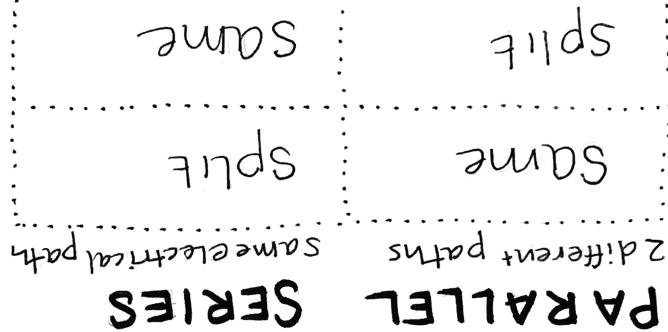
OHMS R

The amount of material that resists the flow of current.



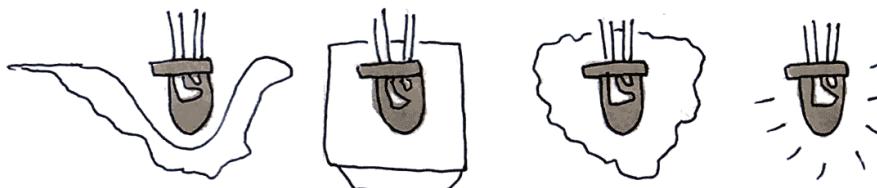
size of hole





You can string LEDs together in 2 ways:

**LEDS
MUCH**



COTTON / WOOLBROWNING
PAPER
FABRIC

DIFFUSION

LIGHT IS A POWERFUL SOURCE OF FEEDBACK.
Remember that the behavior and look of light can deliver an emotional impact. Play with different materials to get different effects.

Conductor **Insulator**

