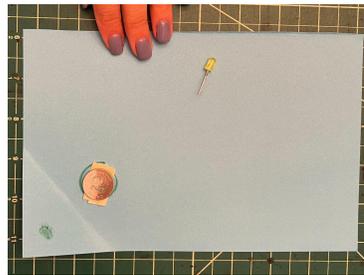


# MAKER SKILLS LIBRARY

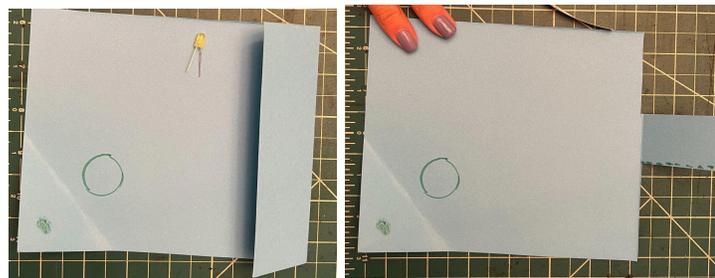
## Maker Skill: Paper Circuits- Switch

Use this method to create a paper circuit with a paper switch to turn the output on and off.

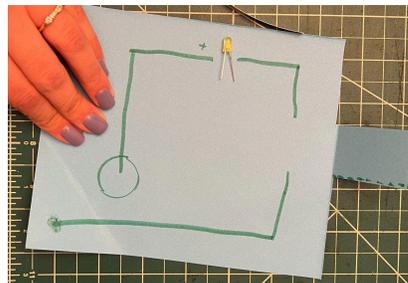
1. Lay out your circuit parts where you want them to be on the paper. Mark the place of both sides of the battery as shown in the [Paper Circuits- LED Maker Skill](#) (Steps 1-2).



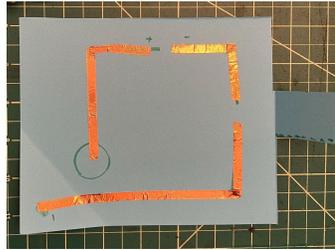
2. Fold over the paper where you switch will go. Cut away the excess paper to leave a small flap that will become your switch.



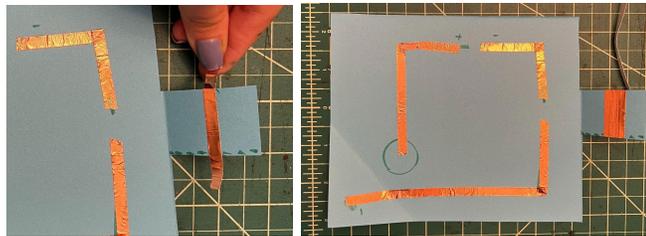
3. Draw the lines for your circuit connections. Make sure you leave a gap where your LED will be placed, and a second gap where your switch flap folds over.



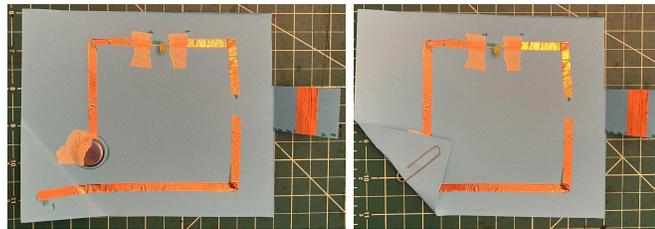
4. Apply copper tape to your circuit connections (see **Paper Circuits- LED Maker Skill**, Steps 5-8).



5. Apply copper tape to the underside of your switch flap, ensuring it will make contact with both sides of the gap when folded over.



6. Tape the LED and battery onto the copper tape as shown in the **Paper Circuits- LED Maker Skill** (Steps 9-11).
7. Fold the negative connection over so it makes contact with the battery. Secure with a paperclip or binder clip.



8. When you push down on the switch, the circuit should be closed and the LED should turn on. If the LED doesn't turn on, ensure all parts of the circuit are connected correctly.

