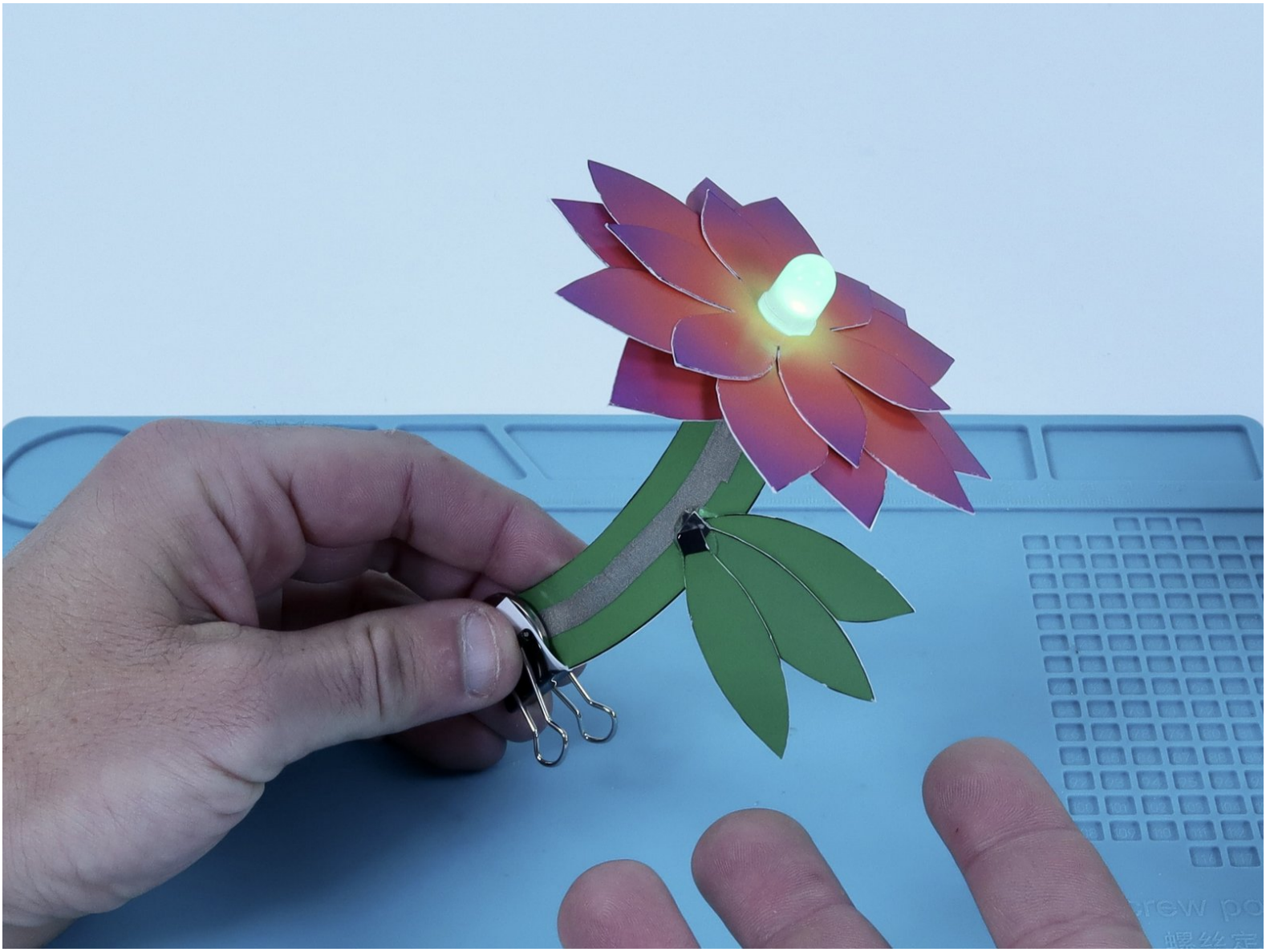
LED Paper Craft Flowers

Create your very own fancy paper craft flowers. You'll need an LED, a CR2032 battery, a binder clip, and some Maker Tape.

Written By: Joshua



INTRODUCTION

This paper craft flower is a simple way to jazz up any fancy occasion.

You'll need an LED, a CR2032 battery, a binder clip, and some Maker Tape.

Choose from a full-color version or a black & white version that makes a great coloring activity. You can also make it using colorful construction paper.

You can make this project (and many more!) with our **Paper Circuits Kit**.

TOOLS:

- Scissors (1)
- Clear Tape (1)
- Glue (1)
- Markers, Crayons, or Colored Pencils (1)

PARTS:

- Paper Circuits Kit (1)

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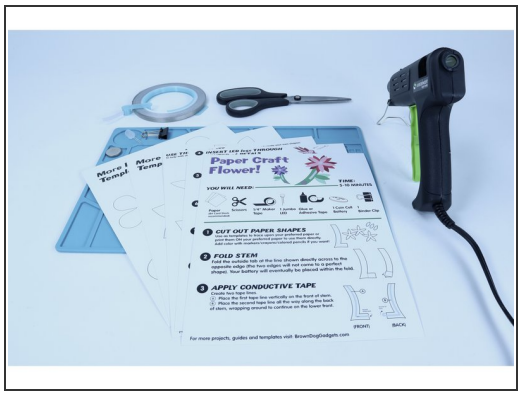
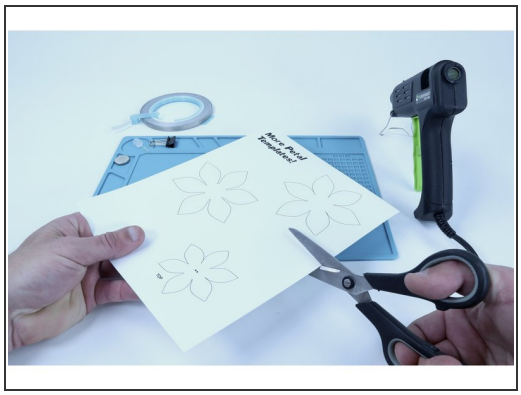
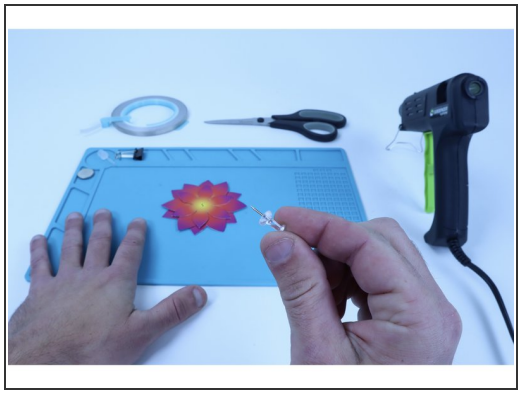
Step 1 — LED Paper Craft Flowers

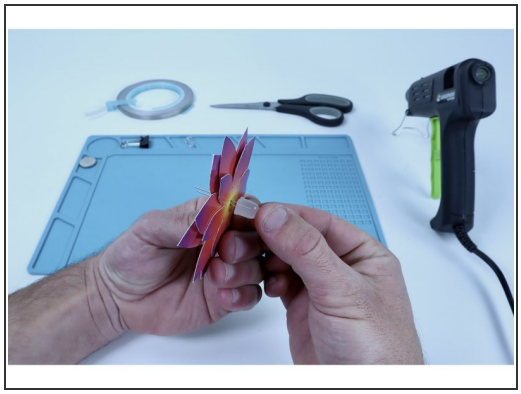




- **Gather the materials listed.**
- **Cut** out the petals, stem and leaves.
- **Color if you wish OR use one of the already colored printable versions** included in the PDF at the bottom of this guide.

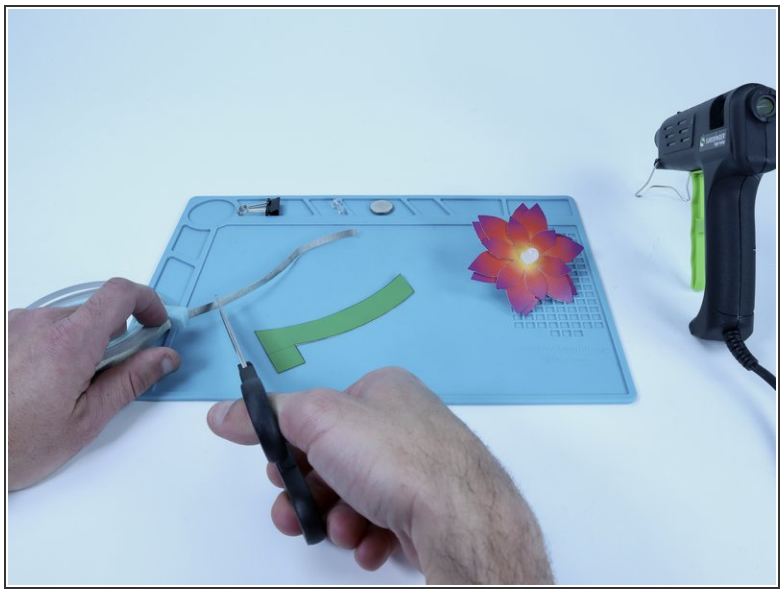
Step 2





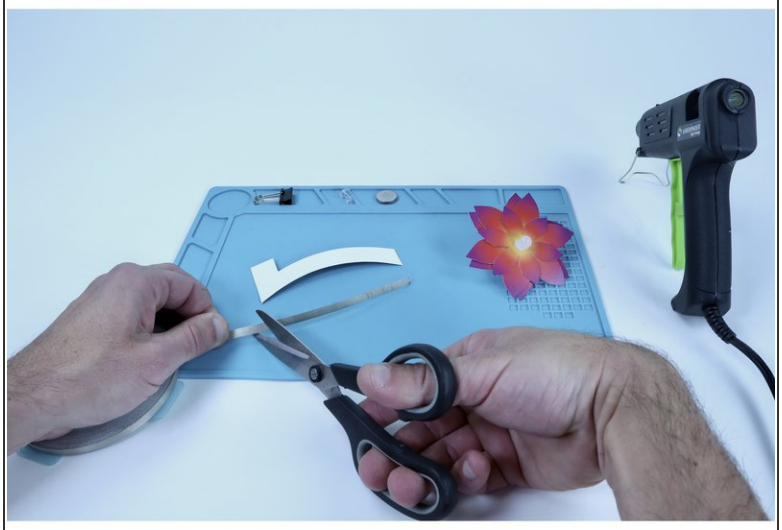
- **Line your petals up how you want them to be arranged in relation to one another.**
- **Use a push pin or paperclip point to punch two small holes next to one another** in the center all the way through the petals.
- **Thread the LED legs through the holes of all petals.**

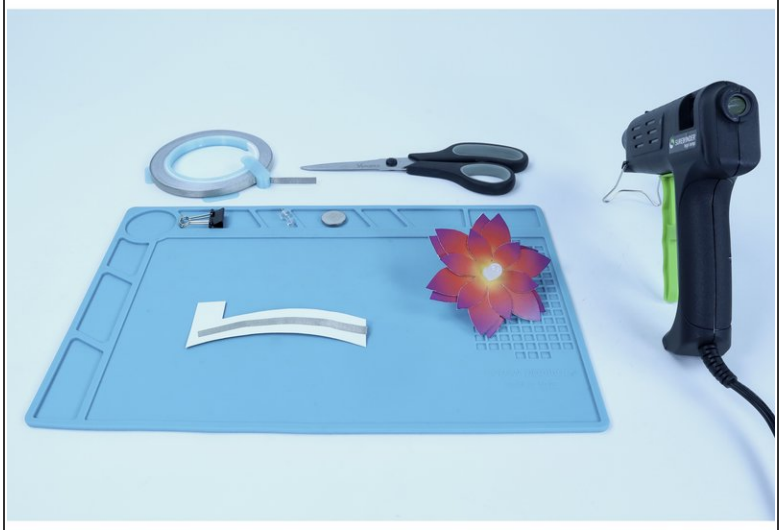
Step 3



- **Measure and cut** one Maker Tape segment that is roughly the length of the stem.
- **Peel and stick that tape segment** where shown in the second photo.

Step 4





- **Measure and cut another Maker Tape segment** roughly the length of the stem.
- **Flip your project over. Peel and stick** that new tape segment where shown in the second photo.

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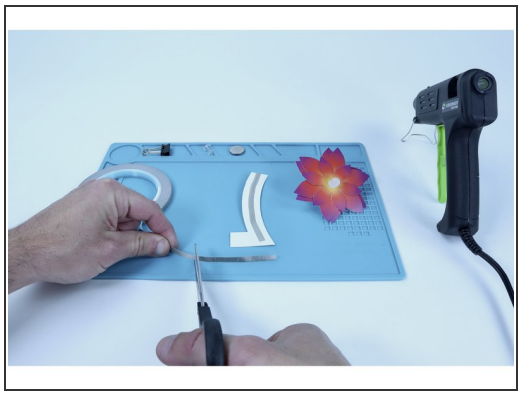
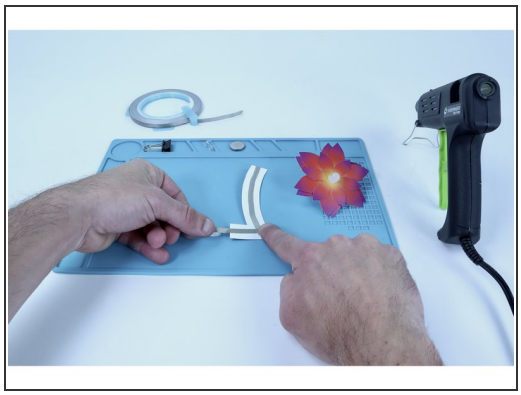
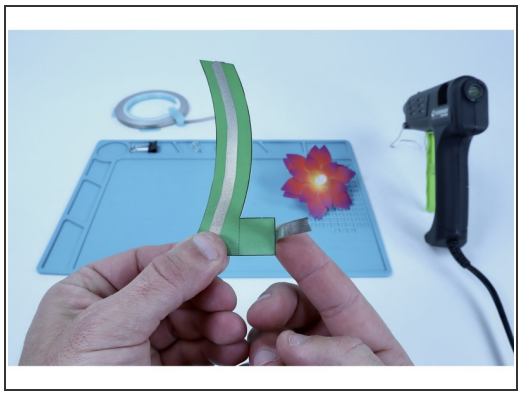
Step 5

- **Measure and cut a new Maker Tape segment** roughly 2x the length of the tab (a little extra is fine).
- **Peel and stick that new tape segment into place** contacting the lower end of the last tape segment you placed, along the length of the tab, and around to the front of the tab.
- **Be sure to stop this path on the dotted line on the stem template.** This should create a small gap between it and the long tape path running along the stem.

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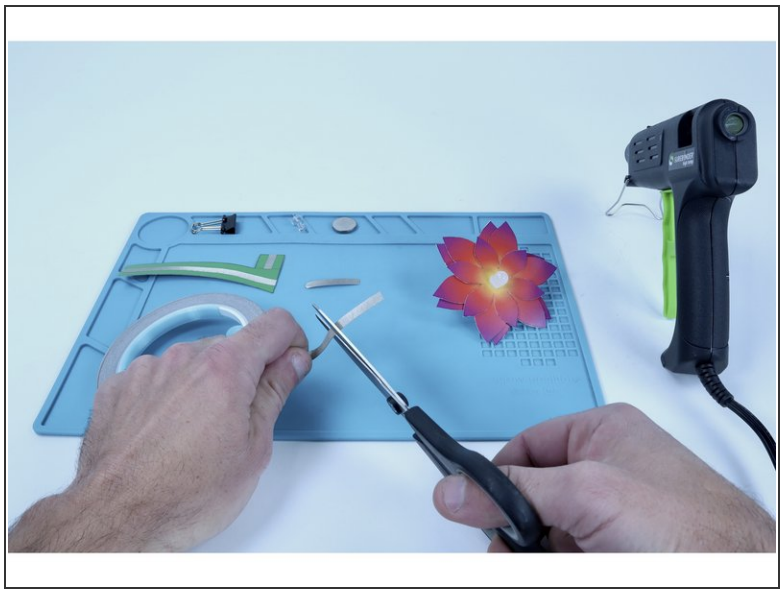
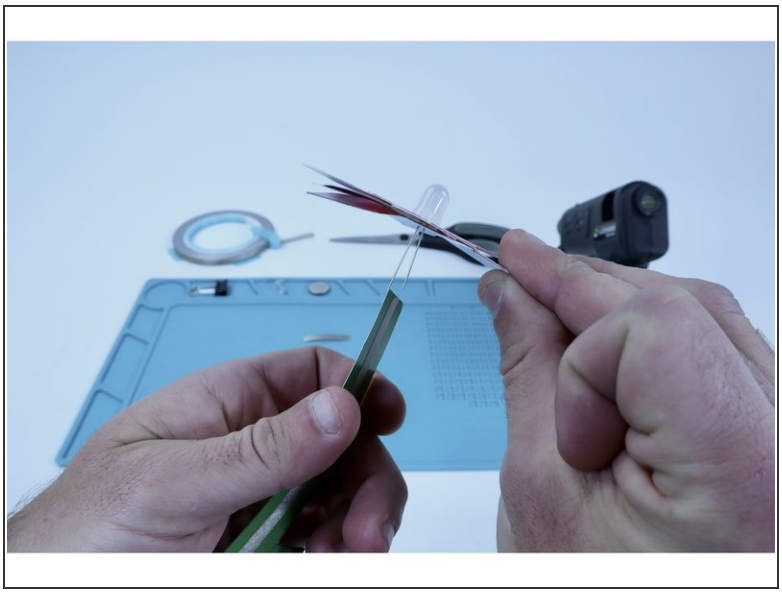
Step 6





- **Measure and cut two Maker Tape segments that are 1-2" long.** These will be used to connect each of the LED legs to the paths on either side of the stem.
- **Peel one of your new tape segments and stick it on the corner of your work table.** You'll have to briefly hold the flower in position with one hand in a moment and having the tape already peeled and ready to go will make the step after easier.
- **Lower the petal cluster over the top of the stem** so the shorter LED leg is on the "tape gap" side of the stem and the longer LED is on the opposite side.

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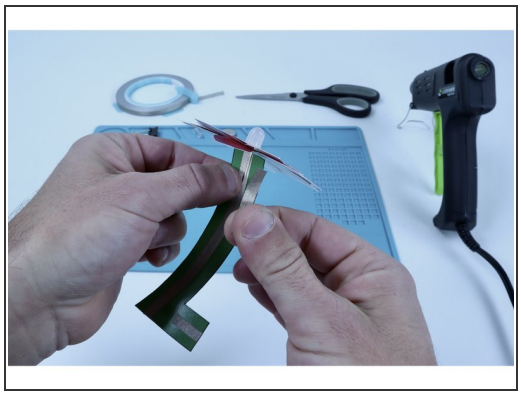
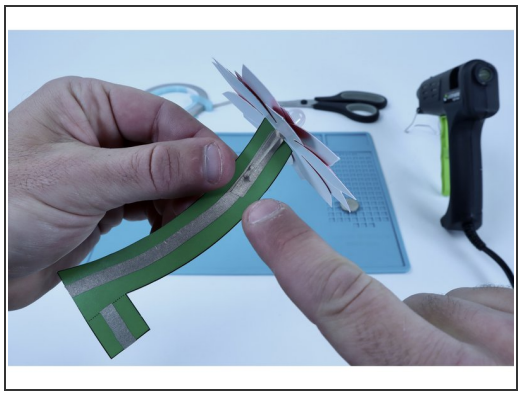
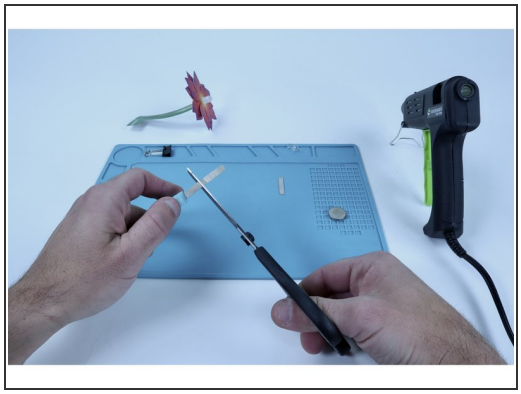
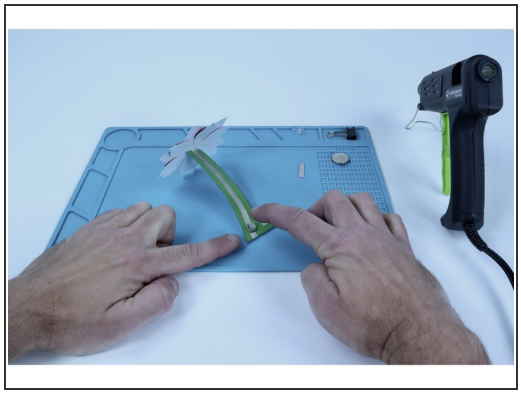
Step 7

- **Using your free hand, stick that already peeled Maker Tape segment over the top of the short leg** so that it is sandwiched between Maker Tape and held in place.
- **Use the remaining piece of Maker Tape** to do the same to the longer LED atop the stem path on the opposite side.

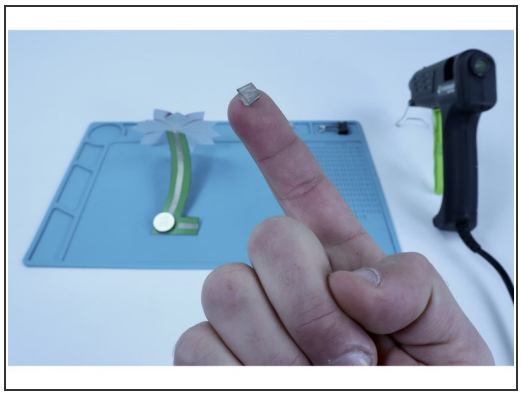
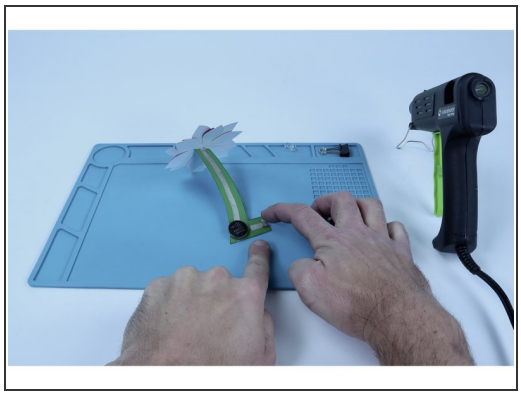
Step 8





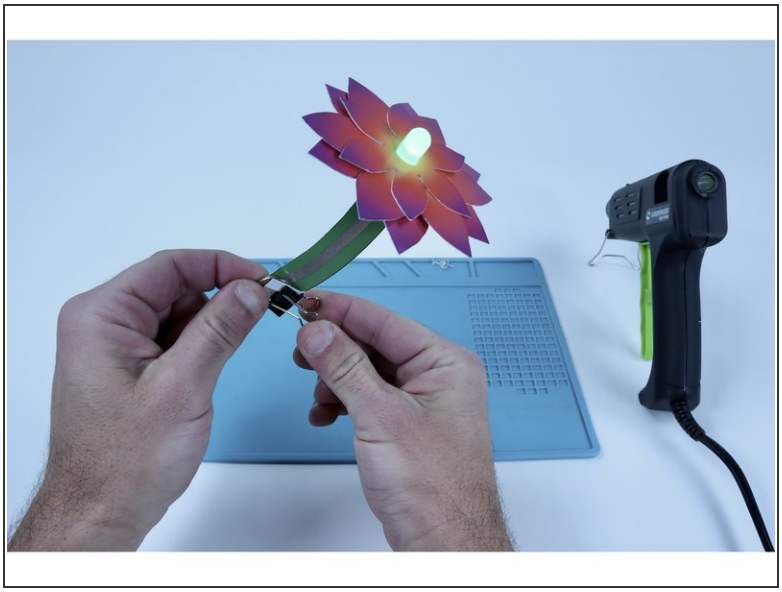
- **Cut two new, small pieces of Maker Tape.**
- **Use one of these pieces to create a tape loop.**
- **Stick this tape loop where shown in photo 3.**

Step 9

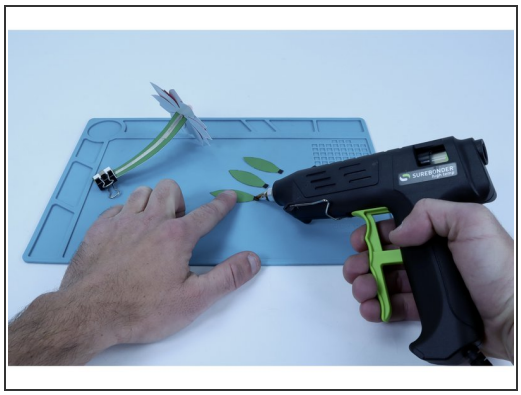
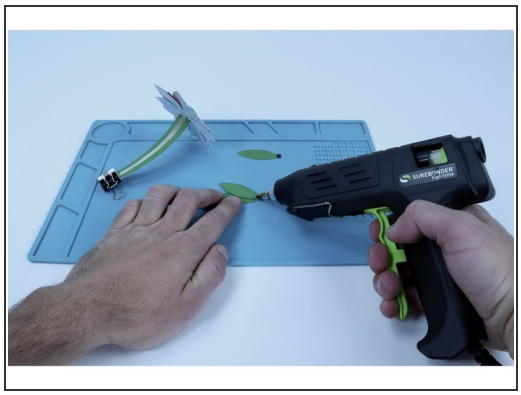
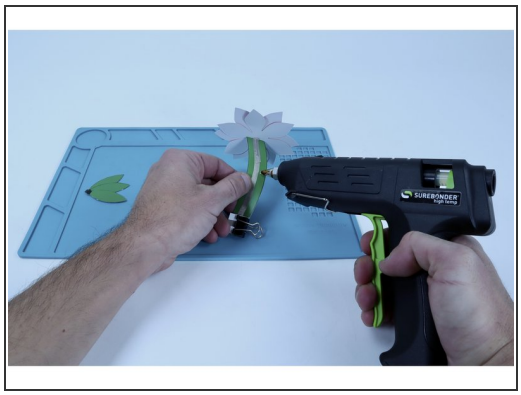
- **Stick battery atop this tape loop** so that the positive (+) side is facing UP.
- Use the remaining piece of Maker Tape to **make another tape loop and place IT where shown in photo 3**.

Step 10



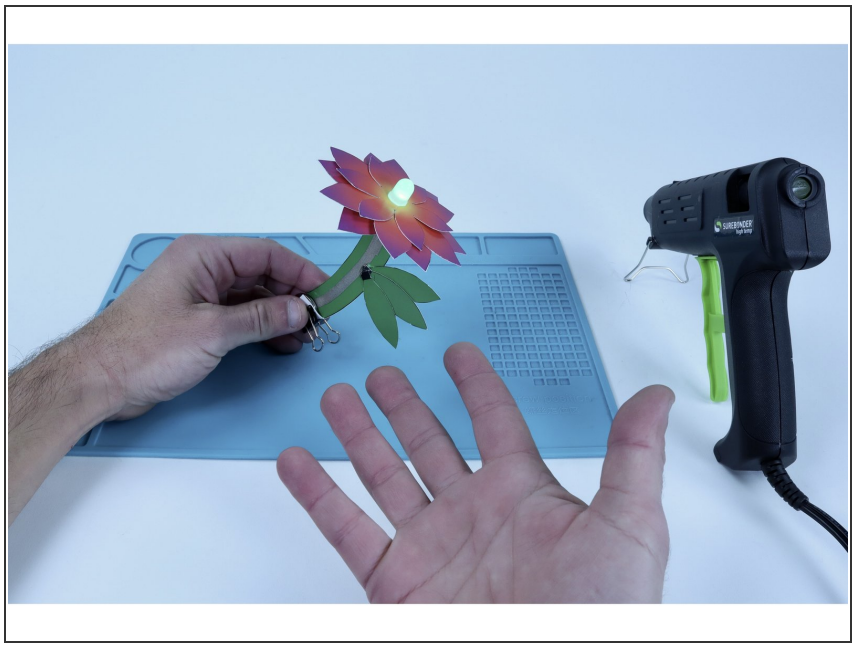
- **Fold tab over to stick that newest tape loop to the top of the battery.** This should turn your circuit on. **If it doesn't turn on**, it's likely that you have the LED legs flipped. Rather than redoing those connections, you CAN just flip the battery around and it should work.
- **Use your binder clip to clip around the entire battery portion of your project** .This will hold the connection firmly in place.

Step 11

- **Glue leaves together into a cluster.**
- **Glue cluster atop stem to finish.**

Step 12



- **You're done...Congrats!** Now, go give it to a friend who needs some cheering up!

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