



Light-Up Sneaker Flair - Wings

Make your own light-up shoe embellishments with this template and tutorial.

Written By: Natasha Dzurny



INTRODUCTION

Make your own light-up shoe embellishments with this template and tutorial.

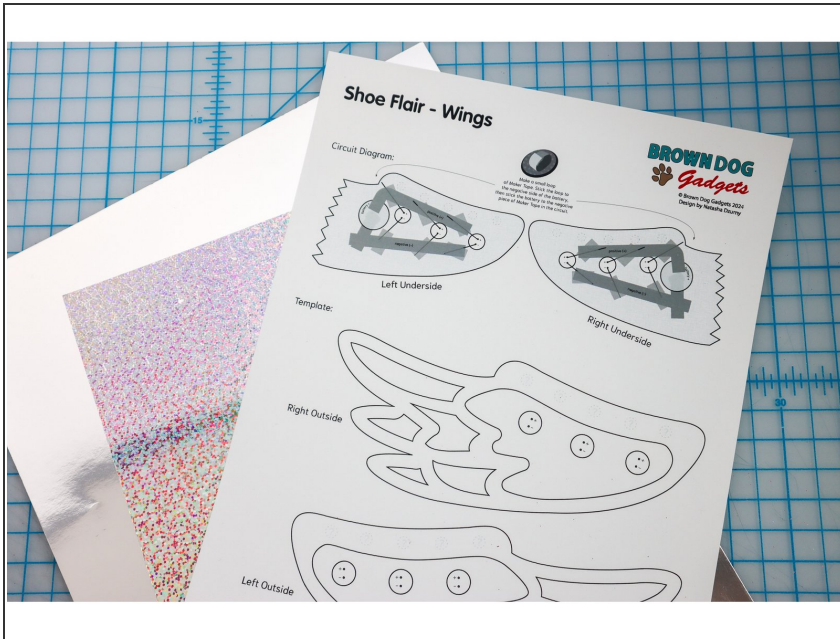
 TOOLS:

- [Printer](#) (1)
- [Scissors](#) (1)
- [X-ACTO Knife](#) (1)
- [Push Pin](#) (1)

 PARTS:

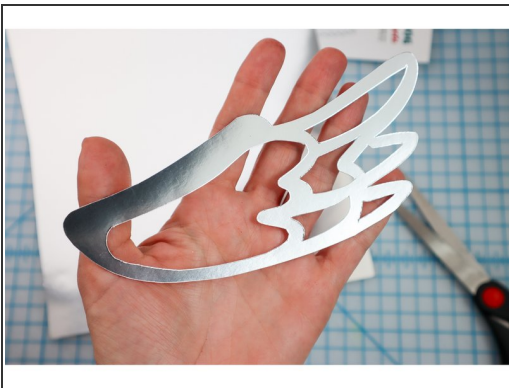
- [Wearable Circuits Kit](#) (1)
 - [Tilt Sensor](#) (1)
- *Optional*

Step 1 — Download and Print the Template



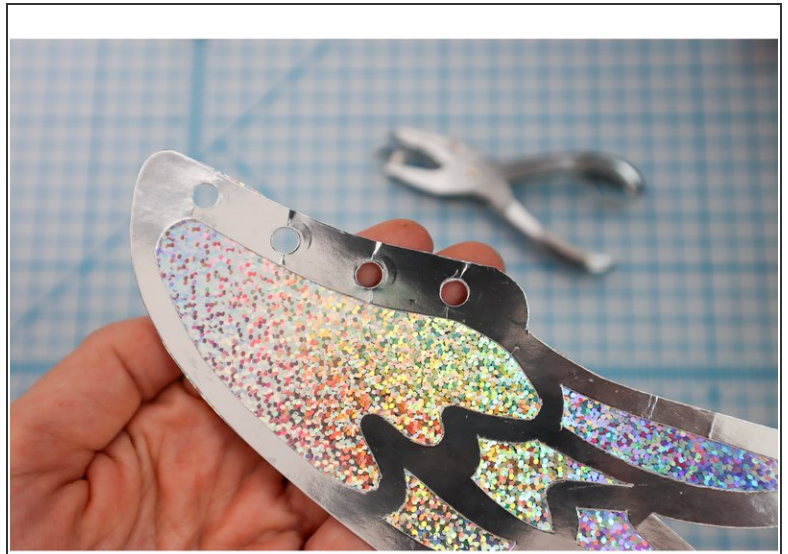
- Download and Print the Template.
- Optional: If you would like to make a shoe that turns on and off as you step using a tilt sensor, download and print the [template linked here](#) instead.

Step 2 — Cut Out the Shape



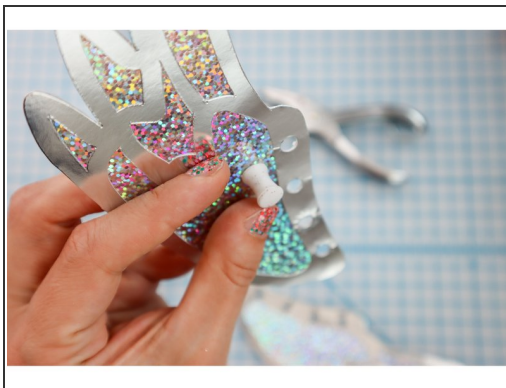
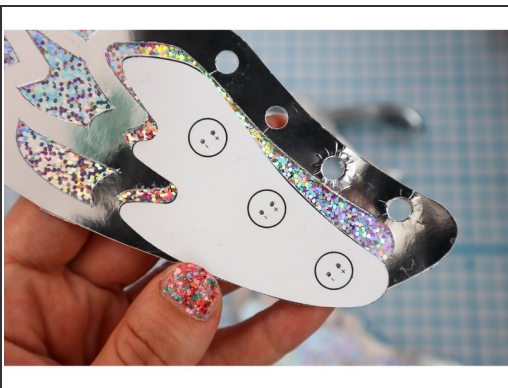
- Use the template to cut out the outer wing shape.
- Glue the outer wing shape to a contrasting piece of cardstock, and cut along the outer edge.

Step 3 — Mark the Hole Locations



- Hold the project up to the shoes and mark the hole locations.
- Use a hole punch to punch them out.

Step 4 — Make Holes for the LED Legs



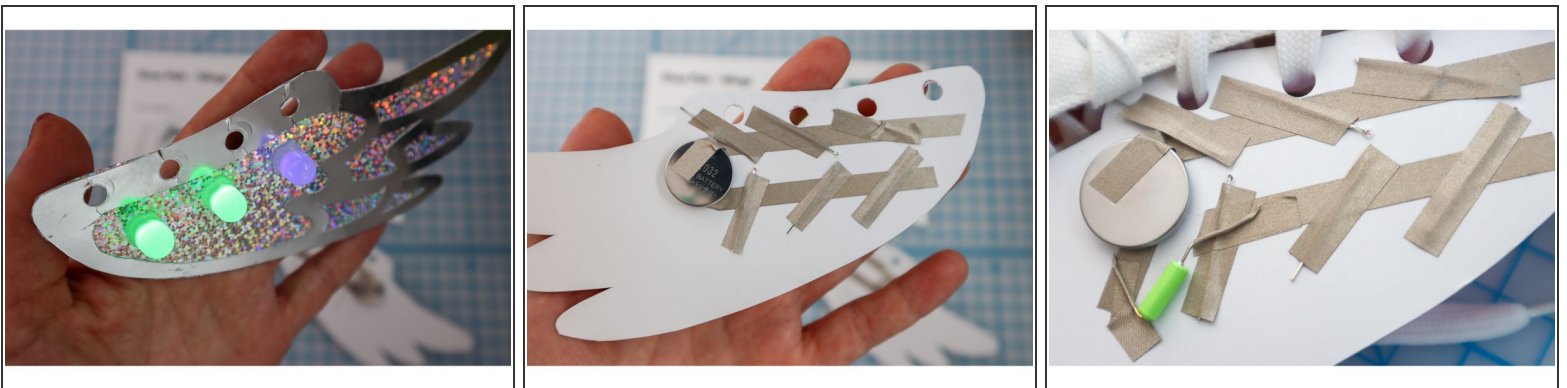
- Use the template and a pushpin to poke holes for the LED legs.

Step 5 — Construct the Circuit



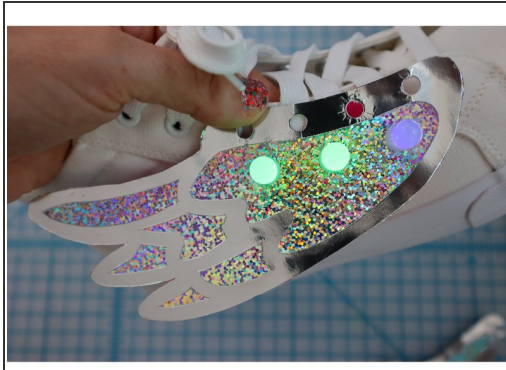
- Align the project with the circuit diagram.
- Follow the diagram on the template to build the circuit.
- Tip: Make sure the polarity of the LEDs is correct: The long leg is positive and goes through the hole on top!

Step 6 — It Lights Up!



- Flip over the project - the LEDs should light up!
- Is it not working? Check for a short circuit or loose connection.
- Optional: If you would like to make a project that turns on and off as you step, follow the template [linked here](#) to add a tilt sensor.

Step 7 — Lace 'Em Up!



- Unlace the shoes, then lace the shoes back up through the holes.

Step 8 — Wear the Shoes!



- Walk around and show off your new shoe bling!