



Light-Up Sneaker Flair - Fire

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

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INTRODUCTION

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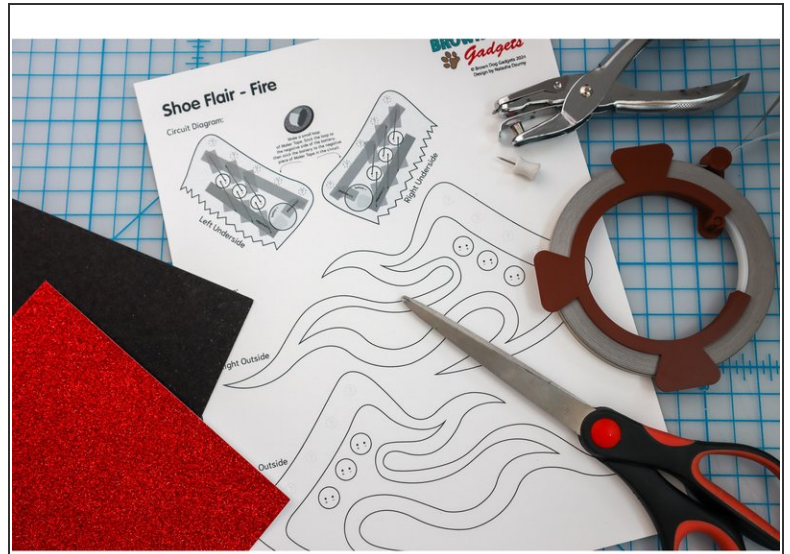
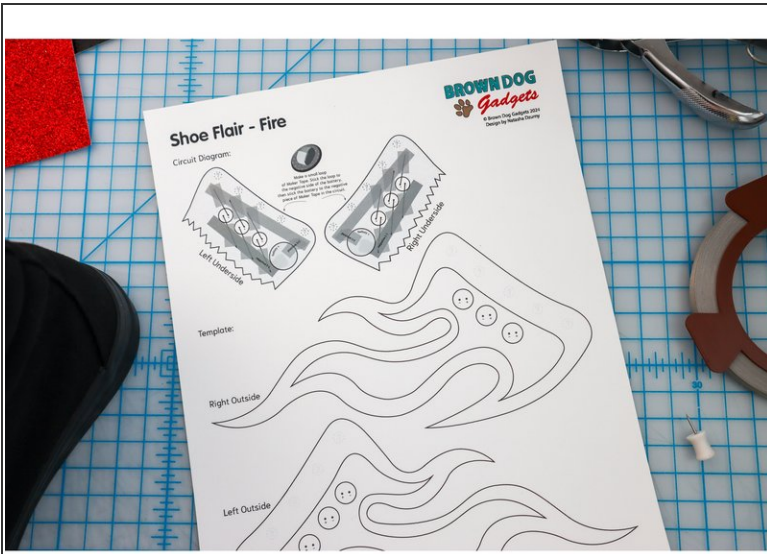
 TOOLS:

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

 PARTS:

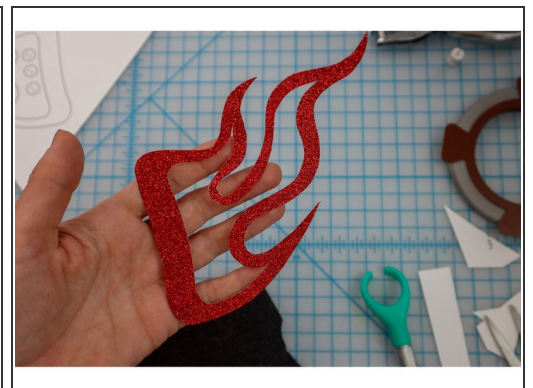
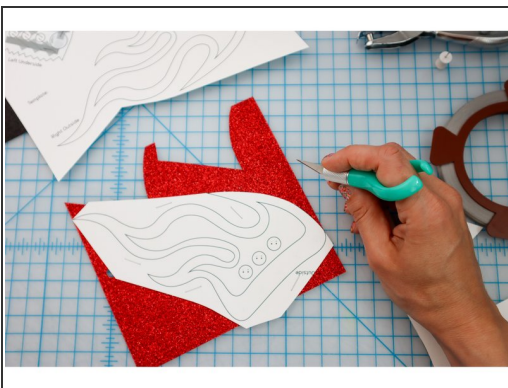
- [Wearable Circuits Kit](#) (1)
 - [Tilt Sensor](#) (1)
- *Optional*

Step 1 — Download and Print the Template



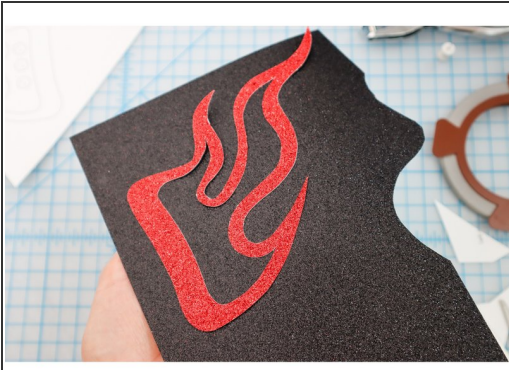
- Download and print the template.
- Optional: If you would like to make a shoe that turns on and off as you step using a tilt sensor, download and print [the template linked here](#) instead.
- *Tip: In this tutorial, we used glitter cardstock, but you could also print the template on white cardstock and color it in instead.

Step 2 — Cut out the Shapes



- Staple the template to glitter cardstock or another craft material of your choice. (Felt, craft foam, and fancy papers all work well).
- Cut out the fire shape as shown.

Step 3 — Add the Second Color



- Glue the flame to another color of material and cut it out.
- Repeat with the second flame, and label each to remember which is which.

Step 4 — Add Shoelace Holes



- Hold the project up to your shoe and mark the hole locations with a marker.
- Use a hole punch to punch them out.

Step 5 — Poke LED Holes



- Use a push pin to poke holes for the LED legs to push through as shown.

Step 6 — Follow the Circuit Diagram



- Follow the circuit diagram to add lights.
- Add the pieces in this order:
 - The negative piece of Maker Tape
 - The battery (with a Maker Tape loop)
 - The positive piece of Maker Tape
 - (Then fold the LED legs down) And add a piece of Maker Tape on top of each
- Repeat on the other side.
- If you plan to add the tilt switch, follow the circuit diagram on that template.

Step 7 — Add to Shoes



- Make sure all of the LEDs are lighting up.
- Then, lace-up the shoes.

Step 8 — Wear the Shoes!



- Walk around and show off your new shoe bling!