Dual Lightsabers

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INTRODUCTION

These lightsaber cards use a clear straw and clear LED to give a fun laser beam effect! In this guide you'll find both a holiday PDF as well as generic version without any holiday flair or text.

TOOLS:

- Scissors (1)
- Hot Glue Gun (1)

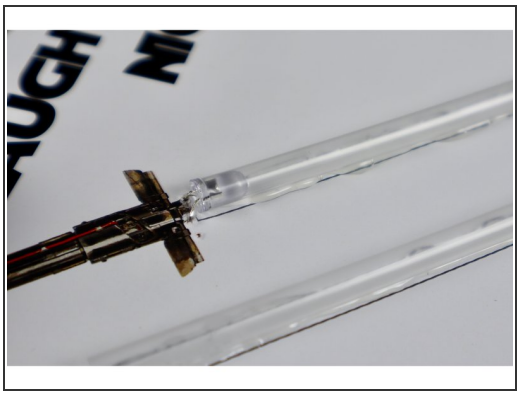
PARTS:

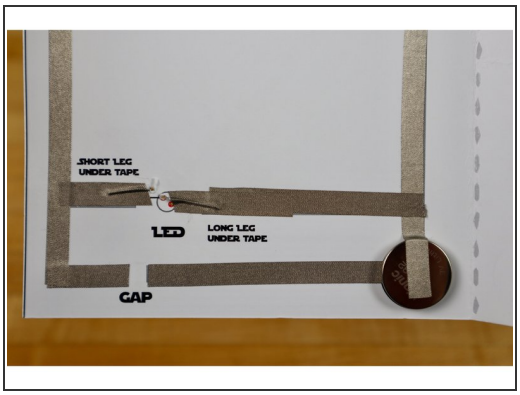
- Maker Tape (1)
- Straw (1)
- 5mm Clear LED (1)

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Step 1 — Dealing with the Straws







- We bought these clear straws off Amazon. You can also use colored straws, but if you do that be sure to only use WHITE LEDs so they'll shine through the straw better.
- Most 5mm LEDs should fit into the straw just fine, though if you want the LED to go in all the way you'll need to cut a small slit in the end of the straw. (You don't need to do this, but it may be helpful if you're using colored straws.)
- We used a thin line of hot glue to hold down the straw. We recommend slightly rolling the straw once it's down to help spread out the glue. When using a clear straw the glue reflects the light and gives it a fun look.
- In general build this project in this order: Color or decorate your card, poke LED legs through the paper, add tape and battery, add the straw.

⚠ When using two LEDs you can run into problems. In general try and use combinations of Red, Green, and Yellow or use a combination of Blue and White otherwise you'll end up with one LED that isn't turning on. To get around this limitation throw a 100 ohm resistor onto your LEDs. If you're using two of the same color you'll also be ok.

The Holiday PDF is at the end of this page.