

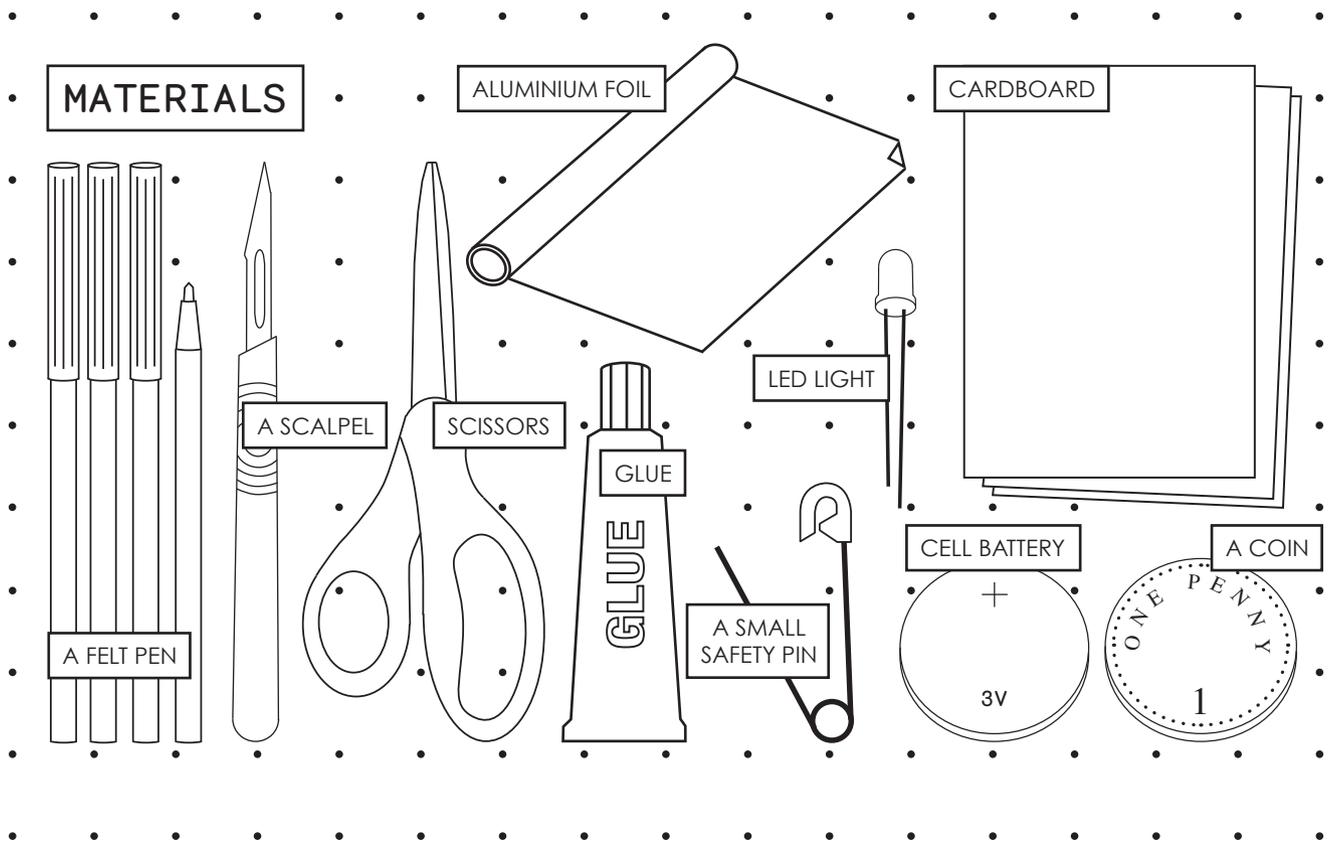
LED ROCKET BADGE

HOW.DO

Hello and welcome to making your own LED badge with How.Do! Ordinarily you'd see this tutorial glowing at you from the screen of your smartphone, but for this special zine edition we're rolling out our magic formula in print so you can get a taste of it and, of course, up your skills - it's what we're all about.

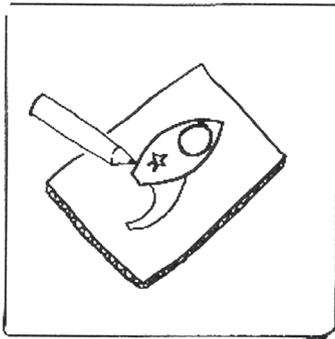
If you want a taste of the real thing, download our app from the AppStore or check it out online- there's a few extra steps to help you through the trickier parts. <https://www.how.do/guide/make-an-led-rocket-badge>

Anyway, down to business. We decided to make a rocket but we'd love you to share your own designs with us. We'll be running a blog post featuring our favourite designs soon, so get involved on the app and you could see your badge catapulted to stardom at <http://blog.how.do/>



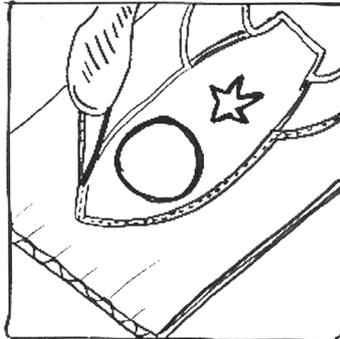
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INSTRUCTIONS



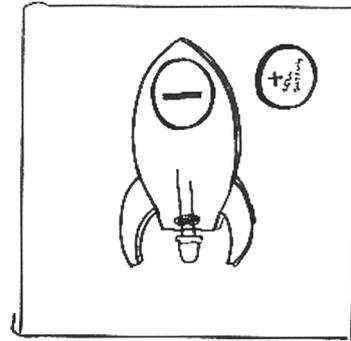
STEP 1

Using the felt pen, draw the outline of the rocket onto a sheet of cardboard, making sure the coin battery will fit inside it.



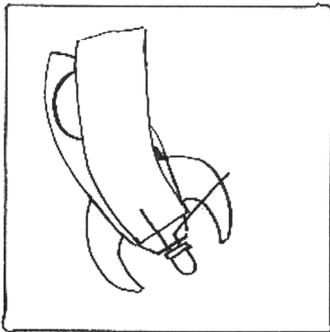
STEP 2

Use the scalpel to make small perforations around the outline of your rocket. Turn your rocket over and cut through the perforations to fully loosen it.



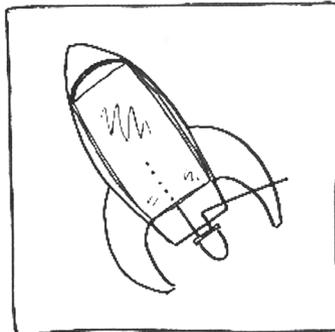
STEP 3

Glue the LED to the tail of your rocket



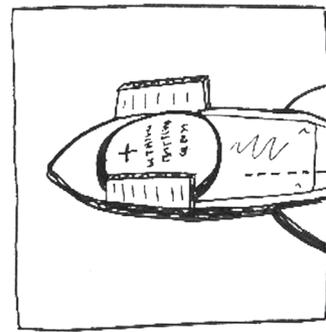
STEP 4

Cut a piece of aluminium foil twice the length of the rocket's body, fold it in half and glue one half of it to the rocket's underside. Make sure that the shorter leg of the LED is on top of the foil.



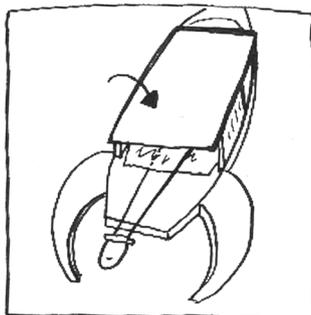
STEP 5

Fold the other half of the aluminium over the LED's leg, sandwiching it between foil, and glue again.



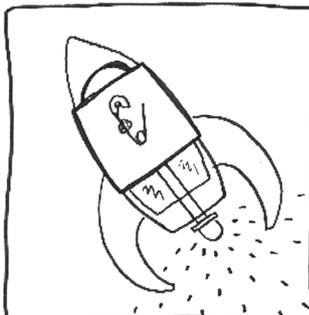
STEP 6

Create a pocket for the battery using some excess cardboard- the pocket should be a only a tiny bit larger than the dimensions of the battery. You're looking for a snug fit!



STEP 7

Line the top of your pocket with aluminium foil, place your battery inside the pocket and, using the same sandwiching technique, place the longer LED leg in between the battery and the top of the pocket.



STEP 8

Glue the top of the pocket in place and glue the safety pin on top.



STEP 9

Customise the front of your rocket and wear it with pride!