



Penguin Template - Rover Body

Turn the Bit Board Rover into a cute penguin with this printable template.

Written By: Natasha Dzurny



INTRODUCTION

Turn the Bit Board Rover into a cute penguin with this printable template.



TOOLS:

- [Printer \(to print out the template\)](#) (1)
- [Scissors](#) (1)
- [Hole Punch](#) (1)
- [Double-Sided Tape](#) (1)
- [Glue](#) (1)

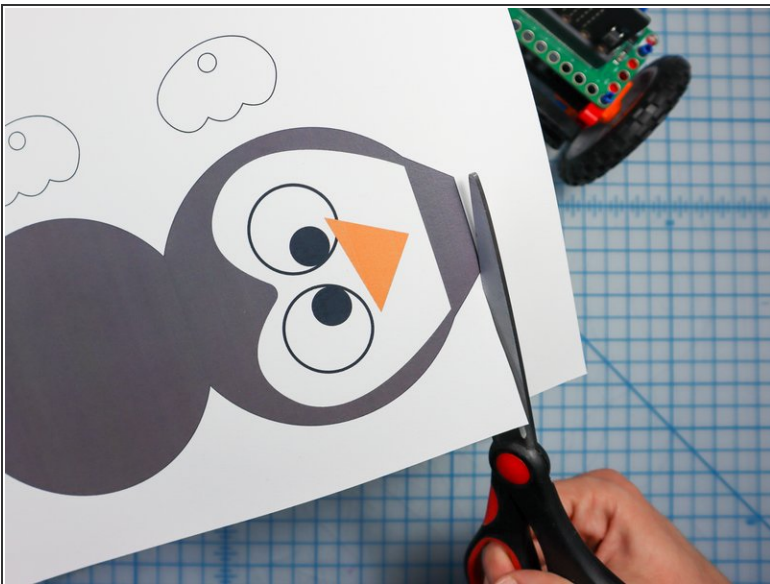


PARTS:

- [Bit Board Rover Kit](#) (1)
- [micro:bit](#) (1)
- [LEGO Technic Pin with Friction Ridges and Slots \(2780 / 61332\)](#) (4)
Included with Rover Kit
- [LEGO Beam 1 \(18654\)](#) (4)
Included with Rover Kit
- [Cardstock](#) (3)

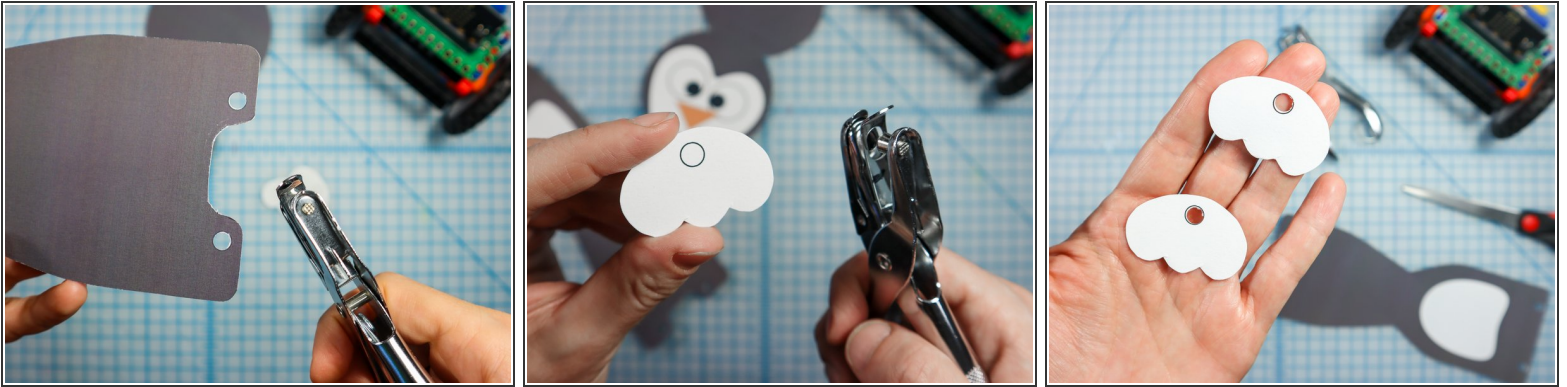
[illegible]

- ## Step 2 — Color and/or Cut out The Template



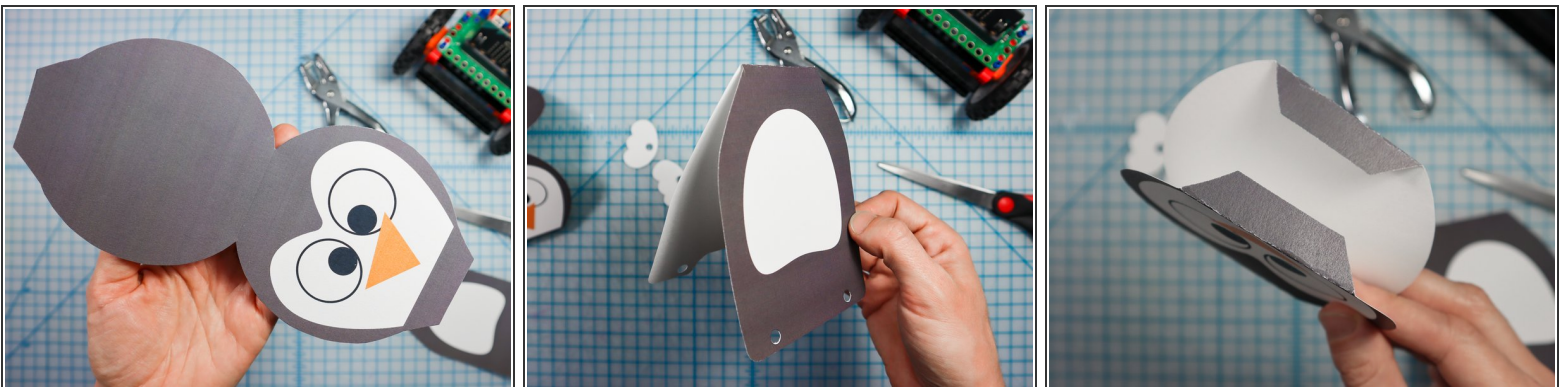
- Page 3 of 8

Step 3 — Punch Holes Where Shown



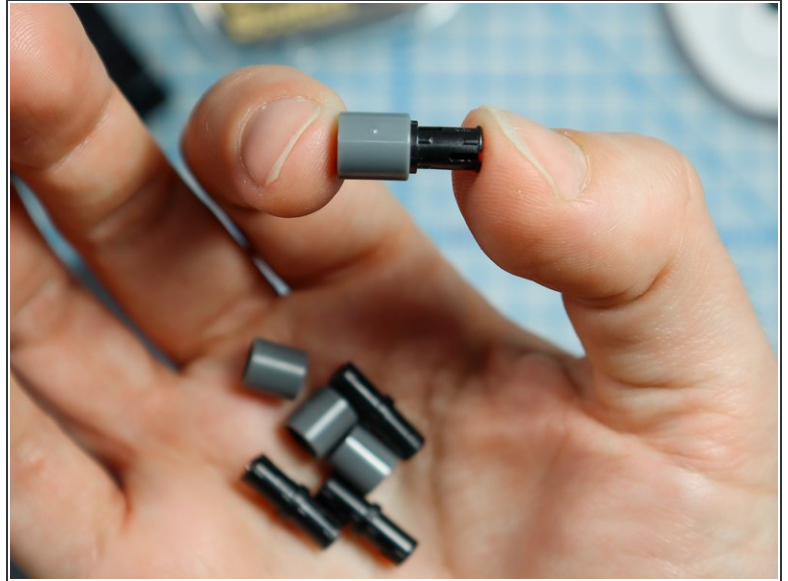
- Use a standard hole punch to punch out the circled where shown.

Step 4 — Fold the Paper Cutouts



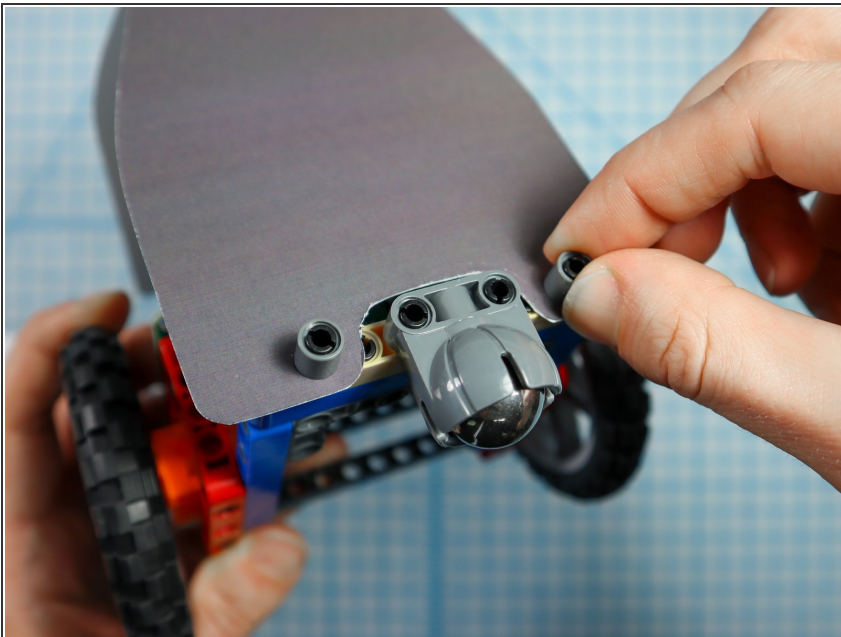
- Fold along the dotted lines as shown.

Step 5 — Prepare the LEGO Pins



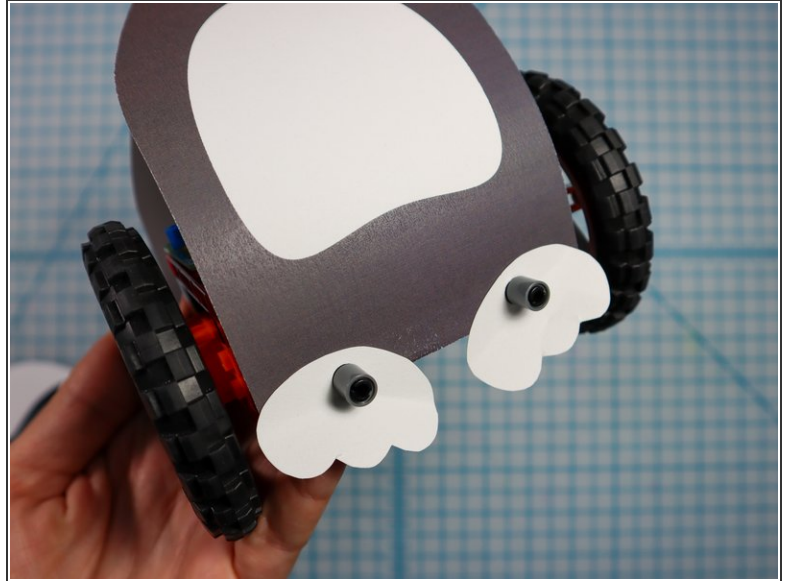
- Connect each LEGO pin to a LEGO round beam as shown.

Step 6 — Use LEGO To Secure the Penguin Back



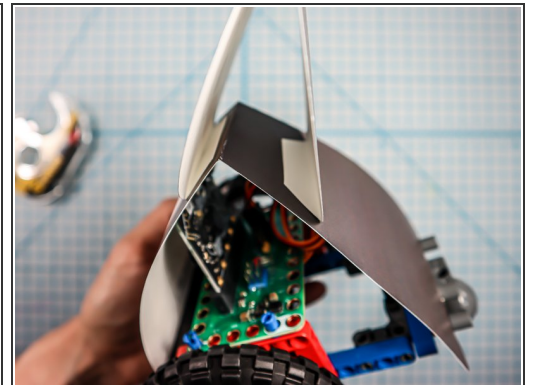
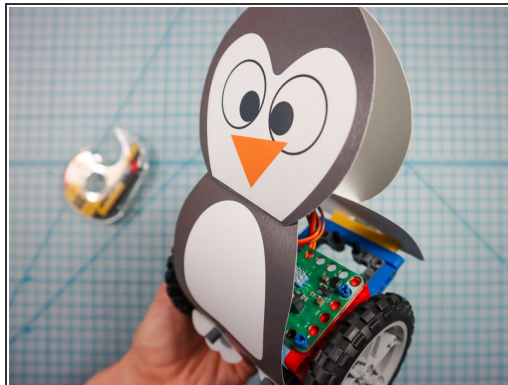
- Use two pin/beam sets to connect the back of the penguin body to the Rover.

Step 7 — Add The Feet and Secure the Front



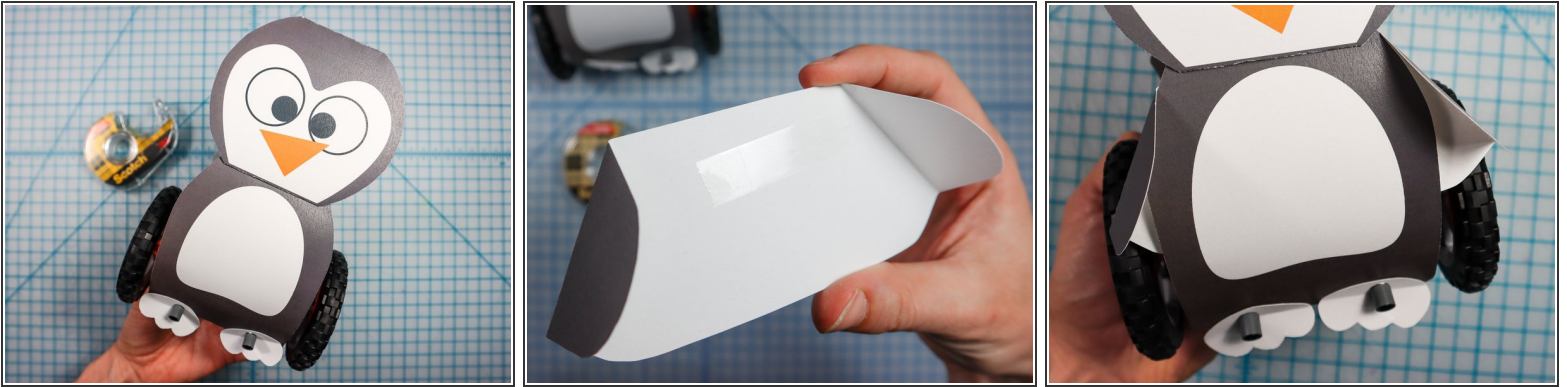
- Use two more pin/beam sets to attach the feet and front of the penguin body to the front of the Rover.
- First, put the pin through the foot, then through the penguin body, then into the Rover body.

Step 8 — Add the Head



- Stick double-sided tape or glue to the bottom of the head flaps.
- Adhere the head to the body as shown.

Step 9 — Attach the Wings



- Fold the wings along the dotted line.
- Add double-sided tape or a dot of glue to the center of the inside of the wings.
- Thread the wings behind the penguin's body and squeeze the spot with the tape/glue to keep them in place.

Step 10 — Optional: Add Googly Eyes!



- The penguin's eyes are 1.5-inch circles - perfect for a set of Googly Eyes! Add them if you wish.

Step 11 — You now have a Penguin Rover!



- Let your penguin roam free!