



Low Poly Penguin Chick Magnet Puzzle



Manabun Lab

[VIEW IN BROWSER](#)

updated 23. 7. 2024 | published 23. 7. 2024

Summary

Let's create art with the magic of magnets! This low-poly Penguin Chick allows you to become an artist and assemble the

[Toys & Games](#) > [Puzzles & Brain-teasers](#)

Tags: [toy](#) [puzzle](#) [lowpoly](#) [animal](#) [toys](#) [art](#) [magnet](#)
[magnetic](#) [chick](#) [penguin](#) [lowpolygon](#) [pingu](#)

If you like this puzzle, there are many more puzzles available here:

<https://cults3d.com/en/design-collections/ManabunLab/low-poly-magnet-puzzle>

The sale, sharing, and modification of data is prohibited.

If you wish to sell prints, please obtain a commercial license from here: https://www.patreon.com/Manabun_lab

This puzzle can be printed in multiple colors of filament, allowing you to enjoy the combination of colors.

It is designed to be easily printed, and no support is needed.

Even without magnets, you can directly glue the pieces together and enjoy it as a figurine.

As a bonus, we have also included a model of the puzzle pieces fused

together, named "Low_poly_penguin_chick_figurine.stl".

This 3D model was meticulously crafted by exploring the optimal points to achieve a beautiful Penguin in low-polygon.

●Things to prepare

(1) super glue.

(2) 24 magnets of 5x2mm.(They are sold in units of 100 to 1000 on Amazon and AliExpress.)

I am purchasing from here.https://s.click.aliexpress.com/e/_om39xGG

●How to make

(1) Please print

"penguin_chick_primary_color.stl","penguin_chick_secondary_color.stl","penguin_chick_recommend adding a brim.No support is needed.

Material----PLA,ABS,PETG

Nozzle-----0.4mm

Layer-----0.2mm

walls-----2

Infill-----15%

You can enjoy the combination of colors by printing in multiple colors. The print data is set to the optimal orientation, so please print as is. Individual piece data is also included, and you can print only your favorite parts by comparing it with the file name in the image.

(2) Glue the magnets into the hexagonal holes. (The hole is made hexagonal to prevent the glue from overflowing.) Be careful with the orientation of the magnets, the holes are designed to be loose, so be sure to glue them firmly.

(3) Have fun!

Model files



penguin_chick_primary_color.stl



penguin_chick_secondary_color.stl



penguin_chick_tertiary_color.stl



low_poly_penguin_chick_figurine.stl

Other files

low_poly_penguin_chick_puzzle_pieces.zip

low_poly_penguin_chick_puzzle_image.zip

License ©



This work is licensed under a
[Creative Commons \(4.0 International License\)](#)

Attribution—Noncommercial—No Derivatives

- ✖ | Sharing without ATTRIBUTION
- ✖ | Remix Culture allowed
- ✖ | Commercial Use
- ✖ | Free Cultural Works
- ✖ | Meets Open Definition