

Polygonal Paper

Instructions

on gluing the panel art out of paper





Author's note

Thank you for purchasing the files for making the panel art!
The size of ready model is: 57 x 14 x 56 cm.

You will need about 10 hours on gluing it. It is better if you have the skills of working with paper, but you can make a model, even if you have never done anything like this. In the first place, the result will depend on your attentiveness and exactitude.

Video tutorial: <https://youtu.be/Y63wporZrkE>

I put a lot of effort into creating this model. It is forbidden to use any materials for the purpose of making profit, and also to share them.



Rim Shamsin and the Polygonal Paper team

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You will need for work



A surface for the cutting.

You can use a cutting mat, or a piece of linoleum, or a glass panel, or a clean cutting board.



A cutter.

You can use any cutter for paper.



A ruler.

It's better to use the metal ruler, because this material is difficult to cut by cutter.



Glue.

Which does not deform the paper. Note that most of the PVA glues dries for a long time, and the paper gets wet from them, and then deformed. I like to use UHU glue for paper. We will share with you how to choose glue in this article: <https://polygonalpaper.com/en/articles/articles/choosing-glue/>



Template.

Printed on paper weights 250-300 gr/m². You can use watercolor paper; this paper has a light texture, thanks to this gluing places of the finished model is almost unnoticeable. Please do not attempt to assemble a model with regular paper; the use of office paper leads to poor results. For colorfull model, print the template on coloured paper. Or you can paint it with aerosol paint, when it is ready. Apply the paint in several thin coats.

We will share with you how to choose paper in this article: <https://polygonalpaper.com/en/articles/articles/choosing-paper/>



Work sequence

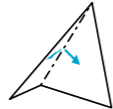
1. Cutting.

Cut out all the details of the template along the solid line.

You will get the best result if you will cut the paper with a cutter by ruler. Please do not use scissors, because they can make dents on the paper in the turning places.

2. Folding.

Carefully score (but do not cut through) the paper along the dotted and dashed-dotted lines. This is necessary to make the folding of the paper in these place easier.



The dash-dotted lines denote folding of the paper to the outside (there are diverging arrows in this places);



The dotted lines appear in the places where the edges of the paper must be folded over to the inside (this movement is indicated by converging arrows).

Now you can fold all details along the lines.

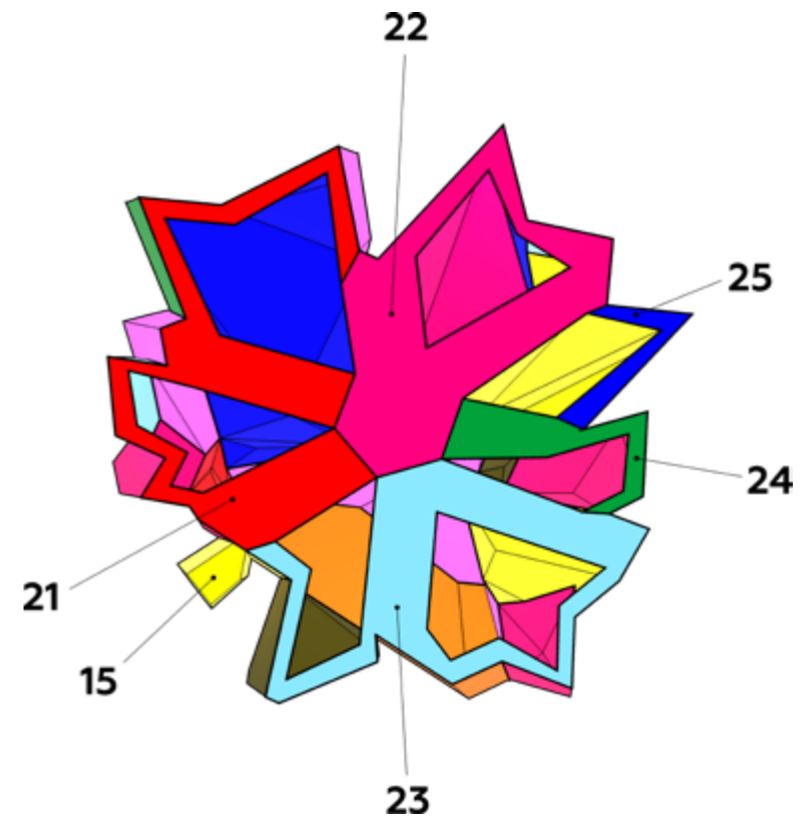
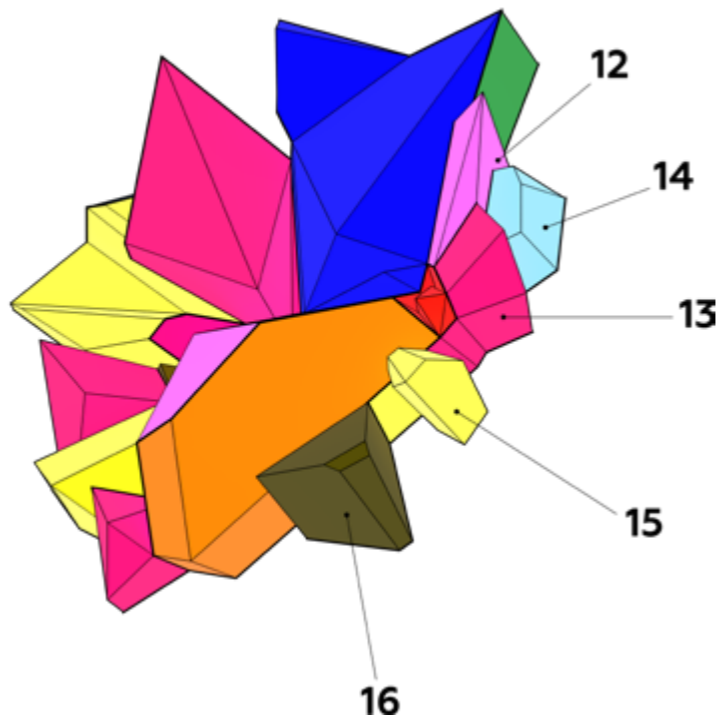
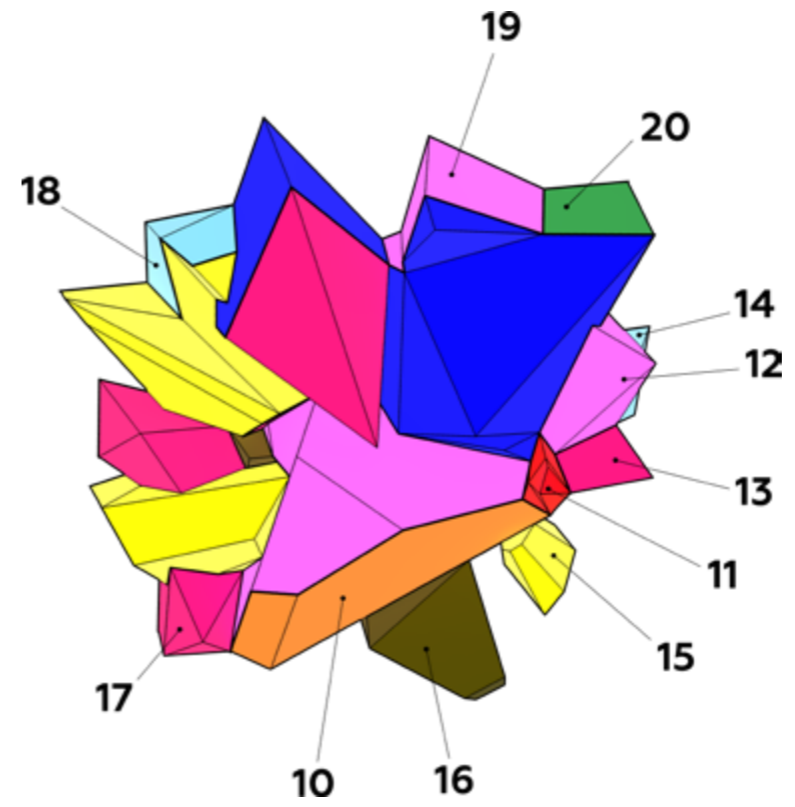
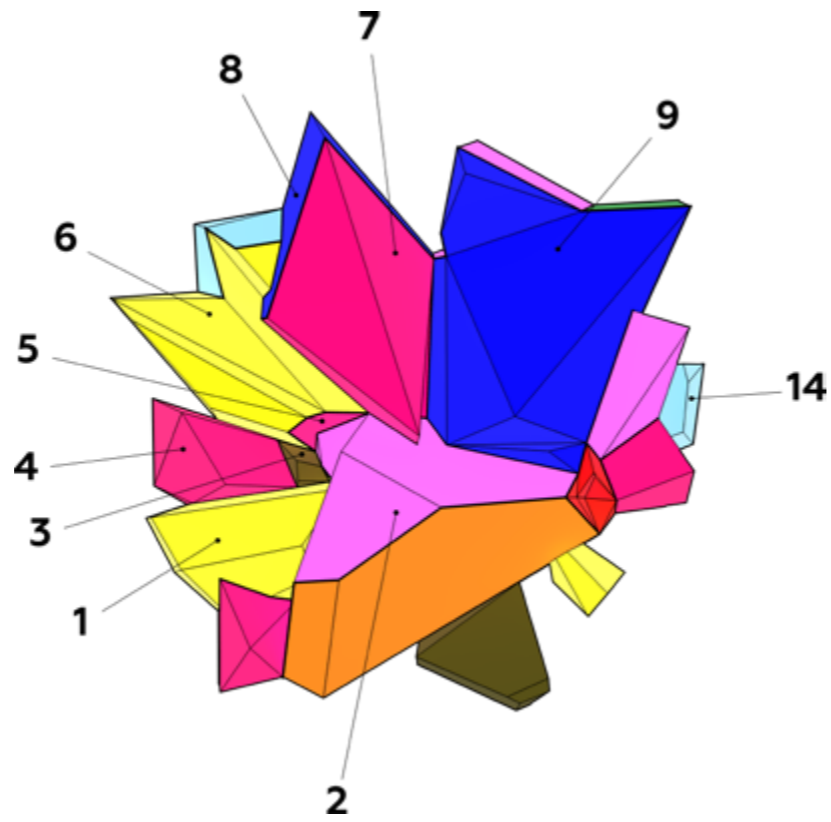
3. Gluing.

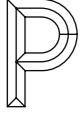
The workplace have to be clean. If you stained your hands with glue, first wash them, then continue the assembly.

The side of the paper with lines is the inner side of the model. The edges which should be glued together are denoted by the same numerals. For convenience, there are flaps for glue on the template (marked in gray). Start gluing together the edges from numbers «1», then «2», etc.

Enjoy the assembly process!







Thank you!