



OMEGA STAR

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downloadable e-book

> FOREWORD

We have created this e-book to share the step by step of the construction of the Omega Star.

The Omega Star was created by Philip Shen, who began to create (or discover) new folds trying to correct defects in traditional models. Perhaps his first original fold is his water pump lock, a water pump upgrade traditional that doesn't fall apart. Another example is his omega star, which consists of a variation witty E.D XYZ by Sullivan. The original Philips Shen model is folded from a gold finished wrapping paper mirror; highlights and reflections from curved surfaces are combine with the rigorous basic structure to make this one of the loveliest origami decorations.

The Omega Star belongs to the modular origami family and is made from 6 square paper modules. The final piece is a 12 (twelve) pointed star.

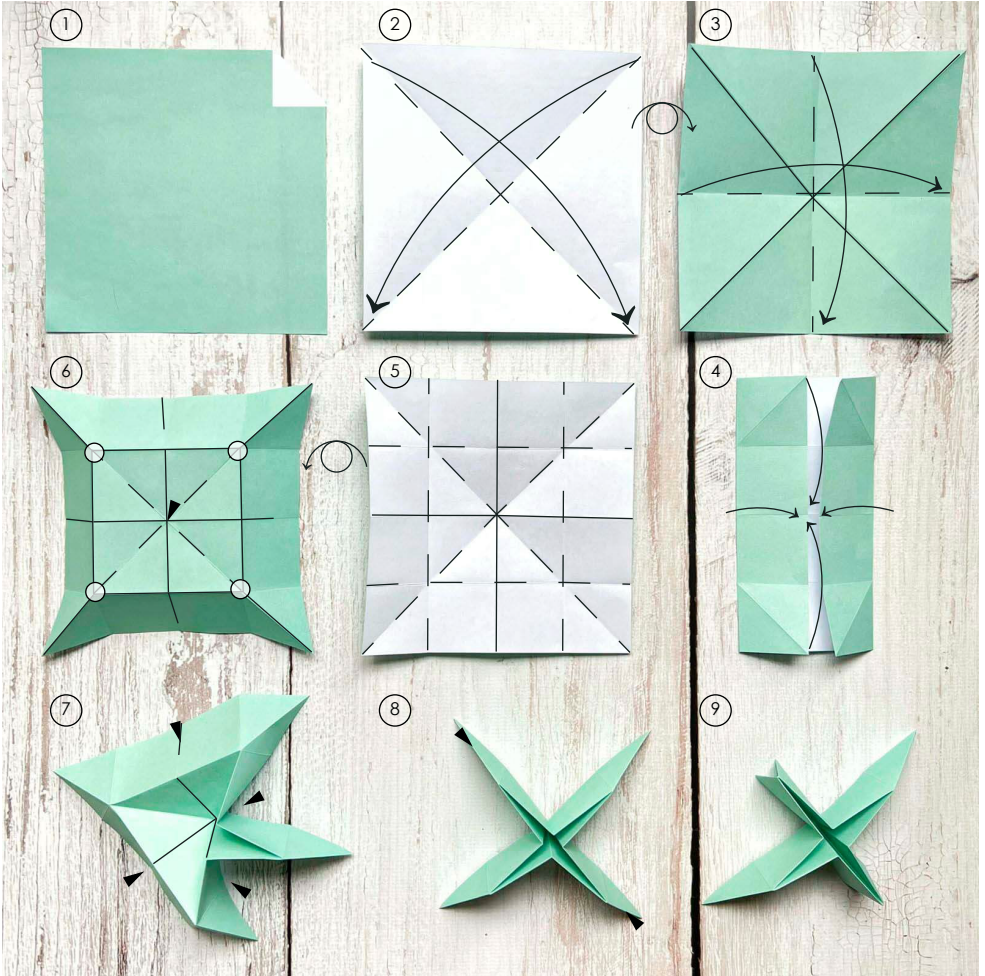
We invite you to learn more about Philip Shen in his website <https://cfcorigami.com/creator/philipshen>

**We hope you enjoy this material
as much as we do when doing it!**

Lau y Cami

> **OMEGA STAR** [Author Philip Shen]

In this photo diagram we explain step by step how to generate the module for the later creation of the *Omega Star*:



- Step by step explanation of the photo diagram:

- ① Chose a two-sided paper that you like to work with. (It is our recommendation)
- ② Place the paper with the color facing down and the white facing up. Fold for mark the diagonals.
- ③ Turn the paper over and fold to mark the halves.
- ④ Turn the paper over. Fold the four sides to the center.
- ⑤ Unfold. You will get this result.
Turn the paper over. Pinch the corners to get this shape similar to a "table". Then press in the center making a depression. the fragment exterior is a mountain fold but when passing the sinking line it turns into a valley. Fold carefully avoiding forcing the paper.
- ⑥ Press on the midline of the four sides making a dip. A valley fold will be generated that will allow obtaining a of X (step 7).
- ⑦ Press making a hidden crease inwards on two of the sides of the X shape obtained in step 8. These folds must be made in opposite sides.
- ⑧ Finished module.

→ You must repeat this process until you have a total of 6 modules.



> **SOME RECOMMENDATIONS**

- Paper sizes.

Our recommended paper sizes for this occasion are:



- 10cm x 10cm
- 7,5cm x 7,5cm
- 5cm x 5cm

The paper size chosen will determine the finished figure size. In the image we share the result obtained with the different sizes of paper mentioned.

- Choice of paper.

When choosing the paper you can play with paper of different colors, textures and prints to make your piece more personal.

Some possibilities are::

- ① Use 6 equal papers (plain or patterned).
- ② Use 3 different papers (plain or patterned.ç).
- ③ Use 6 Use 6 different papers (combining smooth and prints).



> **MODULE ASSEMBLY**

Once the module is obtained, it's time to assemble them for form the volume.

Below we show you, in detail with 2 modules, how it should perform the assembly correctly:

We take 2 modules. →

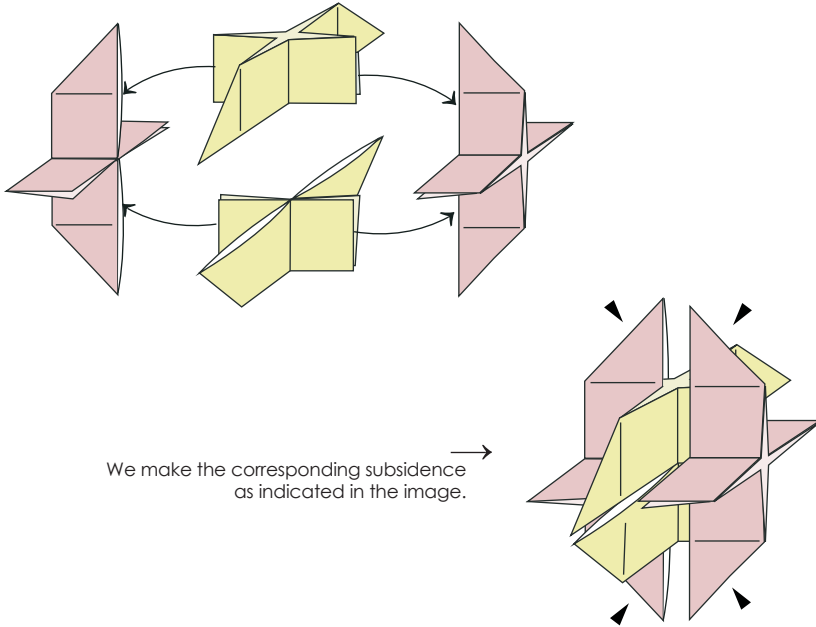


← We face them and insert the straight end (pink module) at the diagonal end of the other module (yellow module).

→ Once the assembly is done it should look like this.

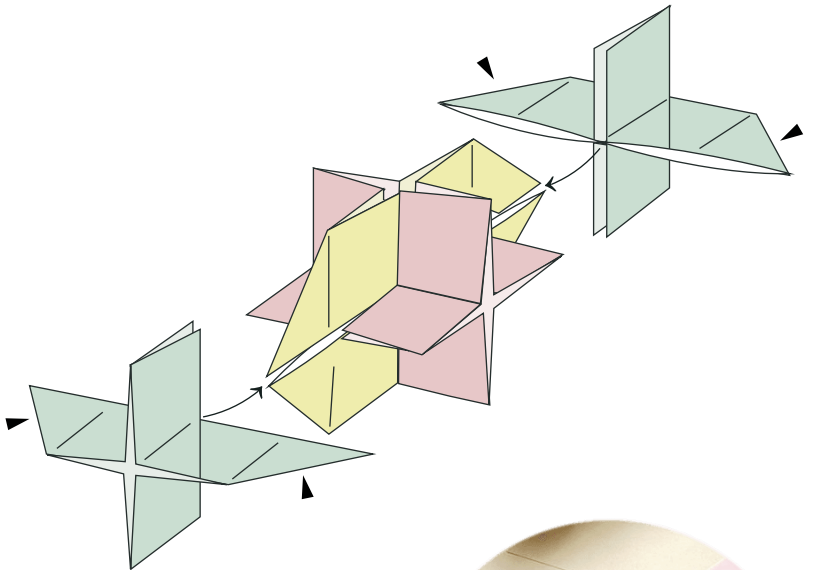


We will start by assembling 4 modules as shown in the following image:

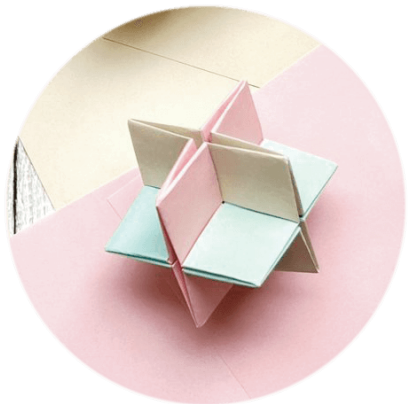


← Once the assembly of the 4 modules you will get this unit.

Once the 4 modules are assembled, we are going to add the 2 missing modules so that Get the Omega Star. We will do it as follows:



→
Once the assembly of the 6 modules you will get this unit.



Finally, we only have the final folds left on each of the sides to finish the figure. We are going to do it as shown in the following image:



Fold from the center to the interior on all sides.
←

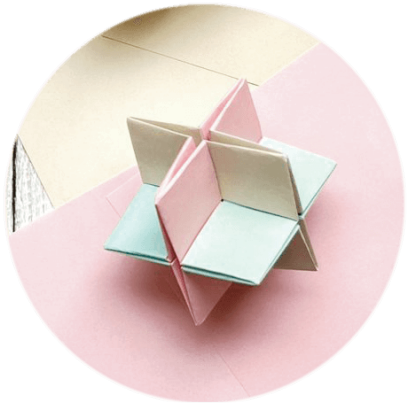


> **SOME VARIATIONS**

Other pieces that you can obtained from the same structure are:



←
Variable Omega



→
Variable X



←
Variable Y

> SOME POSSIBLE USES

While the Omega Star is a very beautiful decorative piece in itself, we want to share other possible uses:



← Decorative pendants.



→ Pencils.



← Movable.

Tutors.



Jewelry pieces.
(necklace, pendant, ring, earrings)



THANK YOU !

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+

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