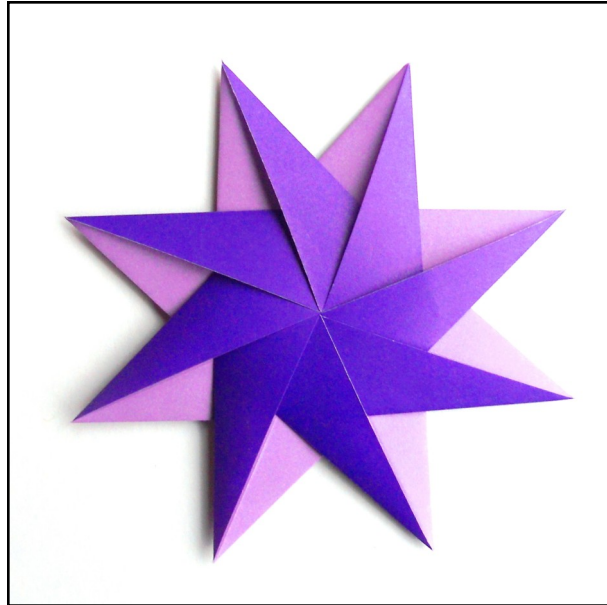


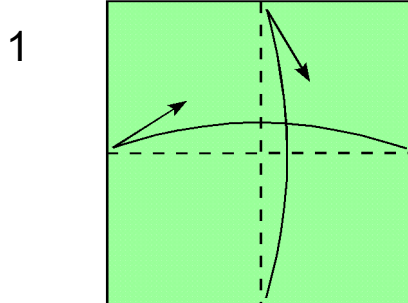
## 2-Fold Star

Designed by David Mitchell

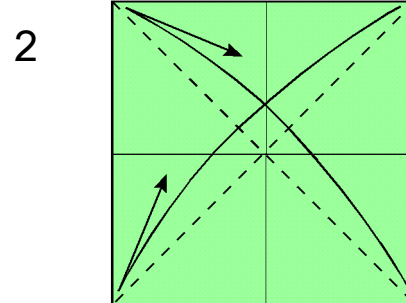
The 2-Fold Star is a minimalist modular design from 2003. It is made from eight modules, each of which is produced from a silver triangle using just two structural folds. Despite the fact that it seems to be held together largely by imagination it is surprisingly stable when complete. You would probably not want to use it as a Frisbee though.



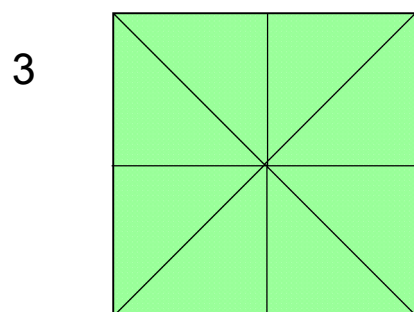
You can make the 2-Fold Star from a single 15cm square of duo or irogami paper.



1. Fold in half edge to edge both ways and unfold.

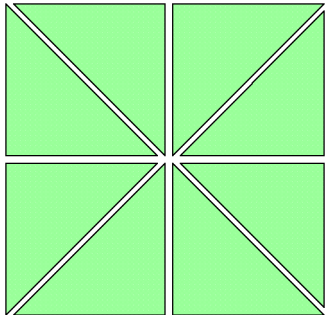


2. Fold in half diagonally both ways and unfold.



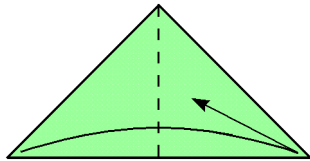
3. Cut along all the creases ...

4



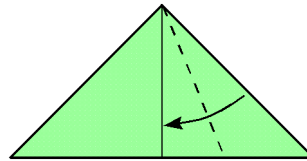
4. ... to separate the eight silver triangles. All the modules are folded in the same way.

5



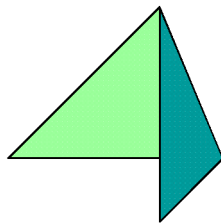
5. Fold in half sideways to mark the centre, then unfold.

6



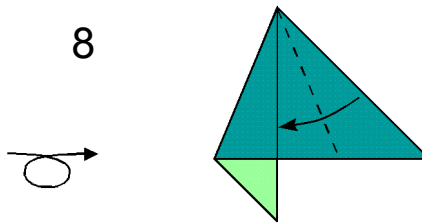
6. Fold the right sloping edge onto the vertical crease made in step 5.

7



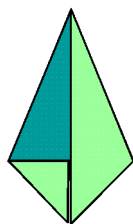
7. Turn over sideways.

8



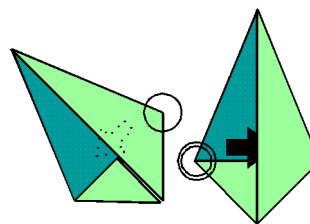
8. Fold the new right sloping edge onto the vertical crease made in step 5.

9



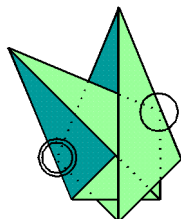
9. The first module is finished. Each module has a front pocket and a back pocket. Make all 8.

10



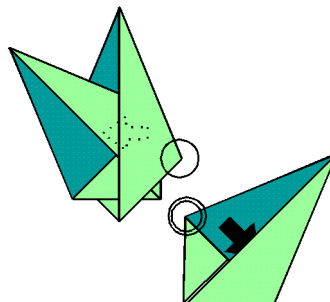
10. The first two modules go together like this. The corner marked with a circle goes inside the front pocket of the right hand module while the corner marked with two circles goes inside the back pocket of the left hand module.

11



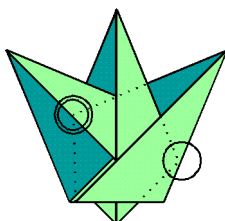
11. The dotted lines show the positions of the corners inside the pockets. You will be able to feel when they are correctly positioned as the modules will settle into place.

12



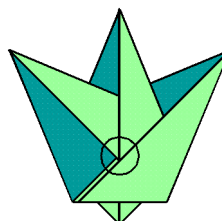
12. Add a third module like this.

13



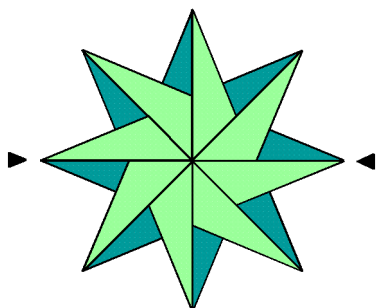
13. Add the remaining modules one by one in the same way, tucking in the loose flaps as necessary, and ...

14



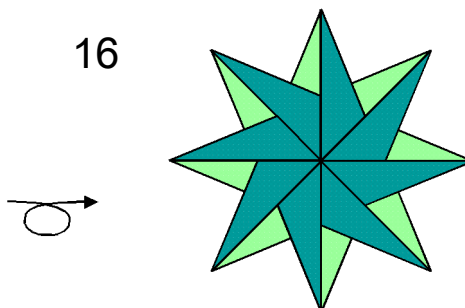
14. ... making sure that none of the modules obscures the centre of symmetry. This will take care and some patience.

15



15. Make sure all the edges of the opposite modules are aligned correctly then gently push each pair of opposite modules together in turn. The assembly will stabilise as you do this. Turn over sideways.

16



18. The pattern on the reverse side is the same, but the position of the colours is reversed. The 2-Fold Star is finished.

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