



## Astro- Origami

Origami is the Japanese art of paper folding, originally from China and now practiced all over the world.

### 5 Pointed Star

★ GOAL: Introduce children to both geometry and analytical skills in a creative way. Use imaginative craft ideas to make stellar objects.

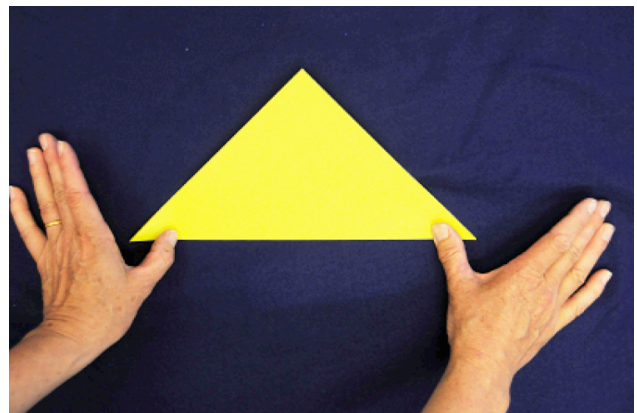
★ MATERIALS: A square of paper, Scissors

★ AGE GROUP: Individual Activity for 5 years and up



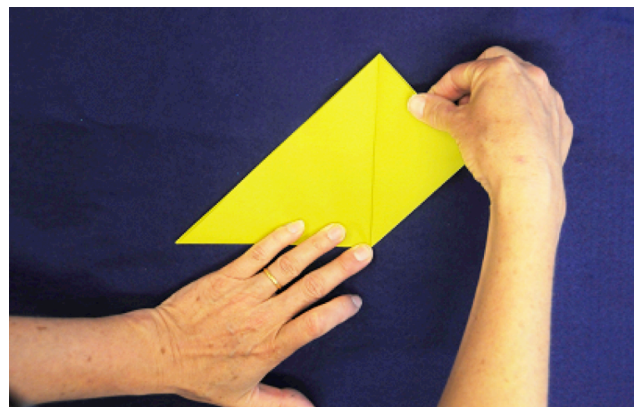
#### WHAT TO DO:

- Take your square and fold it in half to make a triangle.

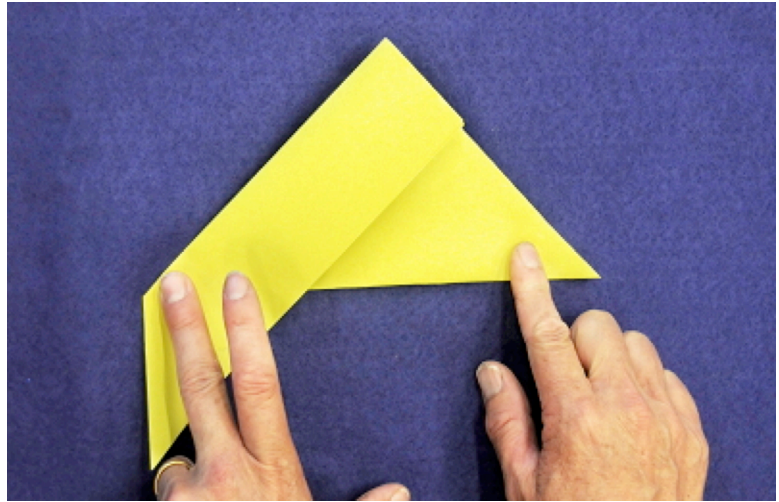


- Take the right hand (RH) point and bring it to the top central point. Align the paper and fold along the crease. Unfold. A smaller triangle will now appear at the bottom RH corner.

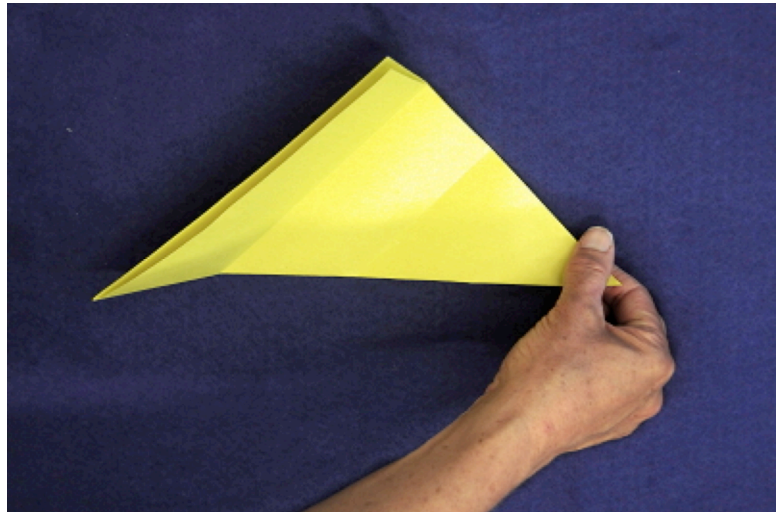
This is diagonal line #1.



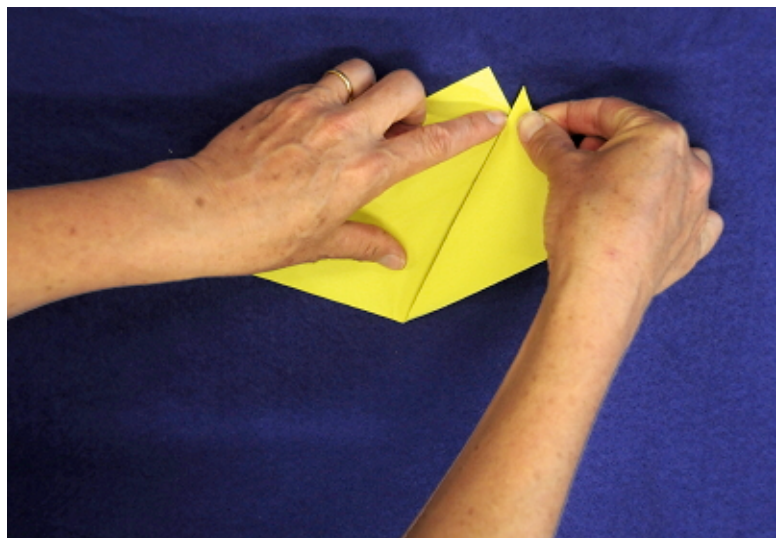
- Take the top central point and bring it to the top of the smaller triangle. Align the paper and fold along the crease.



- Unfold.  
This is diagonal line #2.

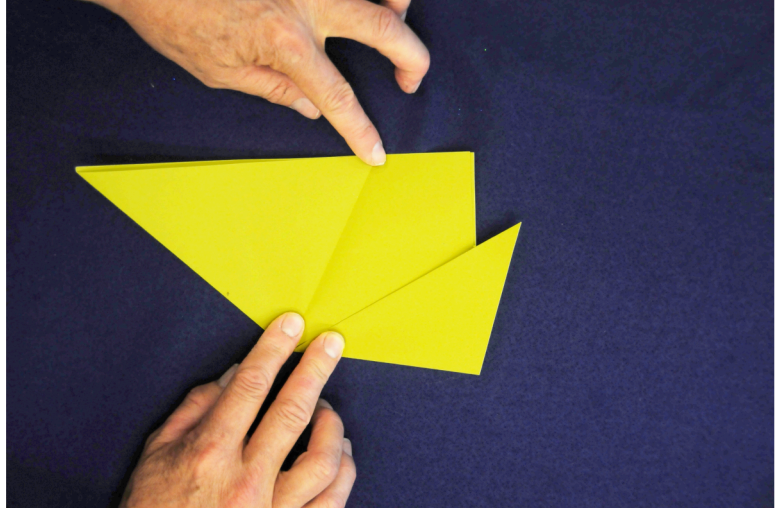


- Take the bottom RH point again and instead of meeting the top central point, bring it downwards to where it intersects with diagonal line #2. Align the paper and fold along the crease.

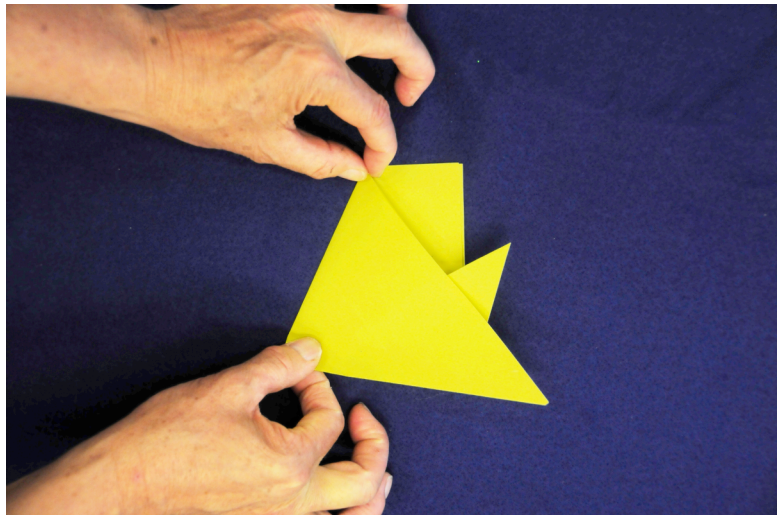




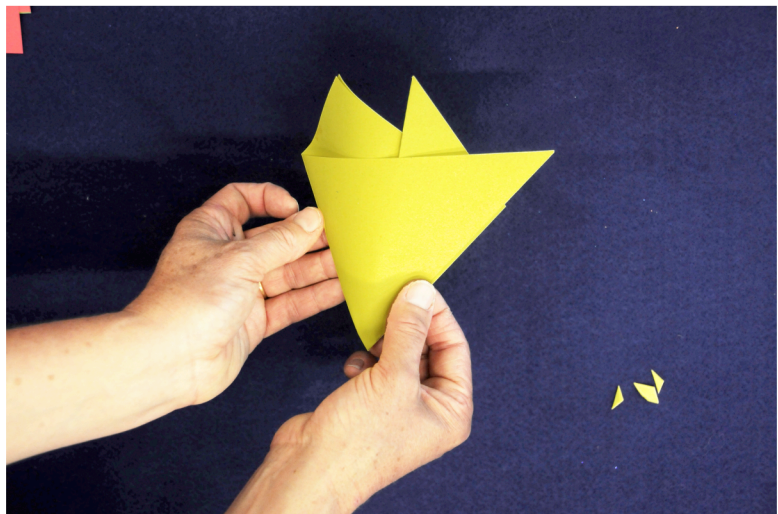
- Placing 2 fingers at the base of the paper, flip the left hand side so that the base lines are aligned and press.



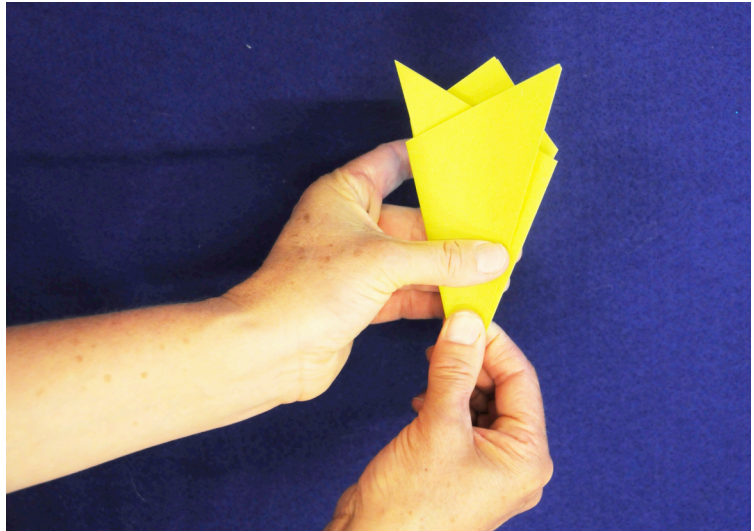
- You should now have a big triangle with 2 peaks behind it.



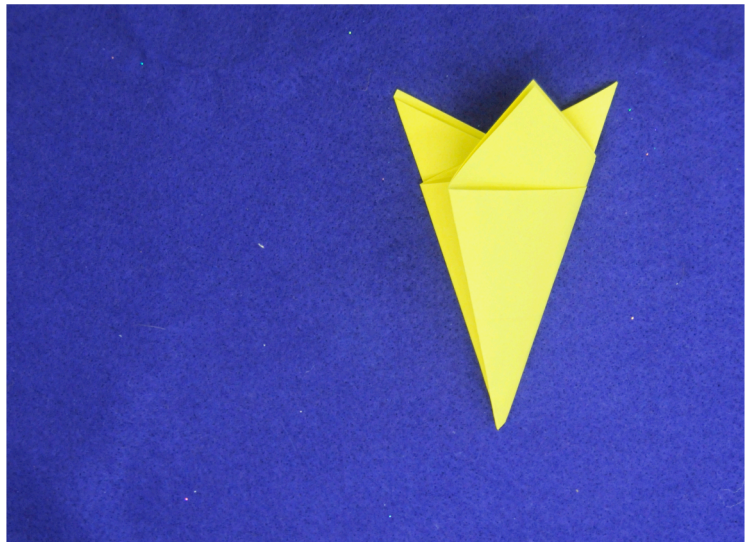
- Holding the triangle at its base, flip the LH side behind so that the LH peak appears between the other two.



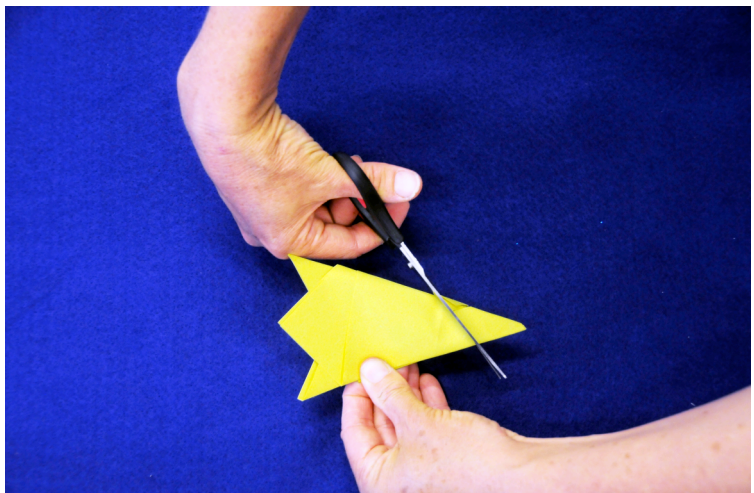
- Press all the folds firmly.



- Hold the paper at the pointy base. It should look like a rocket (or an upside down ice-cream cone). Note that one side has open folds and the other side is closed.

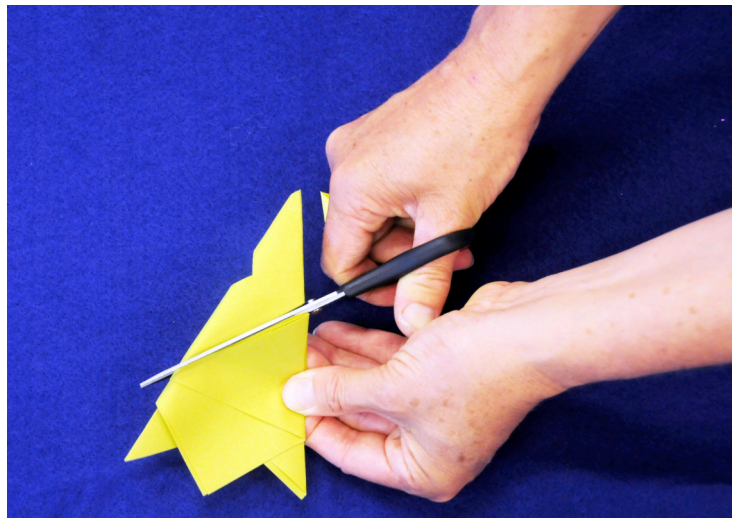


- Hold the cone firmly on the side with the open folds. On the closed side make 2 small cuts so that you can remove a small triangle of paper.

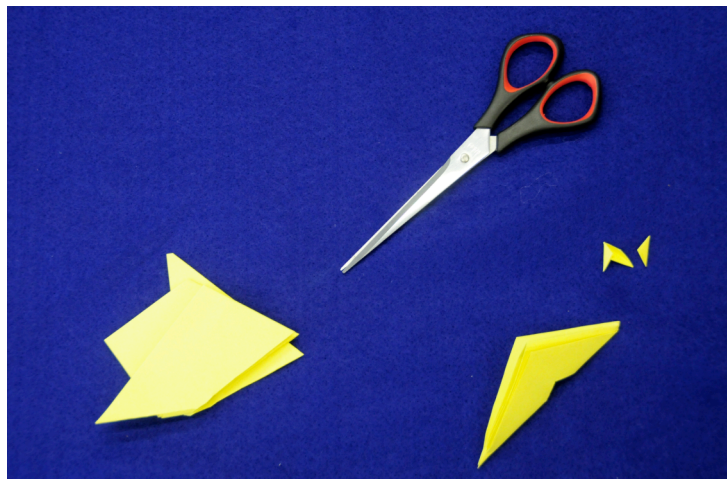




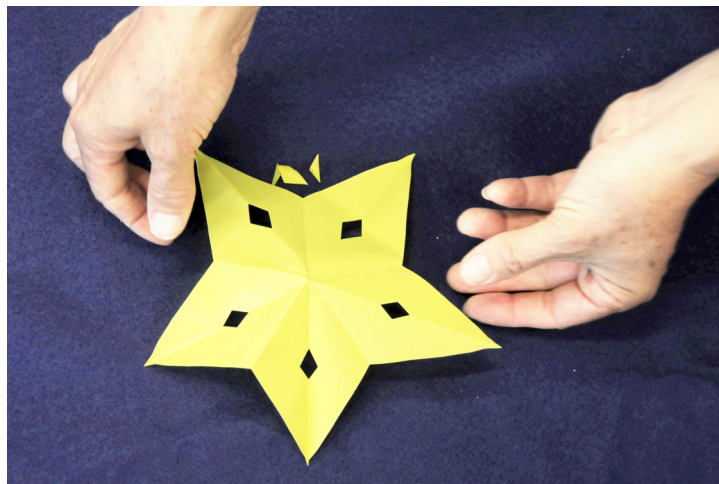
- Still holding the cone on the side with open folds, cut the whole base off on a diagonal.



- Discard the top 3 peaks and keep the bottom triangle.



- Unfold to reveal your 5 pointed star!



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