

Make your own origami crane!

Begin with a square piece of paper - ideally one side coloured and the other plain. Place the coloured side face up on the table. In all diagrams, the shaded part represents the coloured side.

1. Fold diagonally to form a triangle. Be sure the points line up. Use your thumbnail to make all creases very sharp.

Now **unfold** the paper

2. Now fold the paper diagonally in the opposite direction, forming a new triangle.

Unfold the paper and turn it over so the white side is up. The dotted lines in the diagram are creases you have already made.

3. Fold the paper in half to the **right** to form a tall rectangle.

Unfold the paper.

4. Fold the paper in half, bringing the bottom up to the top and form a wide rectangle.

Unfold the rectangle, but don't flatten it out. Your paper will have the creases shown by the dotted lines in the figure on the right.

5. Bring all four corners of the paper together, one at a time. This will fold the paper into the flat square shown on the right. This square has an open end where all four corners of the paper come together. It also has **two flaps on the right and two flaps on the left**.

6. Lift the **upper right flap**, and fold in the direction of the arrow. Crease along line a-c.

7. Lift the upper left flap and fold in the direction of the arrow. Crease along the line a-b.

8. Lift the paper at point d (in the upper right diagram) and fold down into the triangle b-a-c.

Crease along the line b-c.

Undo the three folds you just made (steps 6, 7, and 8), and your paper will have the crease lines shown on the right.

9. Lift just the top layer of the paper at point a.

Think of this as opening a crane's beak. Open it up and back to line b-c where the beak would hinge. Crease the line b-c inside the "beak."

Press on points b and c to reverse the folds along lines a-b and a-c. The trick is to get the paper to lie flat in the long diamond shape shown on the right. At first it will seem impossible but with some patience you will get the hang of it!

10. - 13. Turn the paper over. **Repeat** Steps 6 to 9 on this side. When you have finished, your paper will look like the diamond below with two "legs" at the bottom.

14. - 15. Taper the diamond at its legs by folding the top layer of each side in the direction of the arrows along lines a-f and a-e so that they meet at the center line.

16. - 17. Flip the paper over. Repeat steps 14 and 15 on this side to complete the tapering of the two legs.

18. The figure on the right has two skinny legs. Lift the **right upper flap** at point f and fold it over in the direction of the arrow - as if turning the page of a book. This is called a "book fold."

Flip the entire piece over.

19. Repeat this "book fold" (step 18) on this side. Be sure to fold over only the upper flap.

20. Now imagine this image is what you would see if you were looking straight down, at the top of a crane's head. The two points at the top of the picture are the back of the crane's head, and its pointy beak is at the bottom. Open the upper layer of the beak at point a, and crease it along line g-h so that the tip of the beak touches the back of its head (ouch!)

21. **Turn the figure over.** Repeat step 20 on this side so that all four points touch.

22. Your paper should look like this image on the right. Next another "book fold." Lift the top layer on the right (at point f), and fold it in the direction of the arrow to the middle. Be sure to crease the fold.

23. Flip the entire figure over. Repeat the "book fold" (step 22) on this side.

24. - 25. There are two points, a and b, below the upper flap. Pull out each one, in the direction of the arrows, as far as the dotted lines. Press down along the base (at points x and y) to make them stay in place.

26. Take the end of one of the points, and bend it down to make the head of the crane. Using your thumbnail, reverse the crease in the head, and pinch it to form the beak. The other point becomes the tail.

Open the body by blowing into the hole underneath the crane, and then gently pulling out the wings.

Why not use a black and red crayon or marker and give your origami crane the features of a Whooping Crane?

