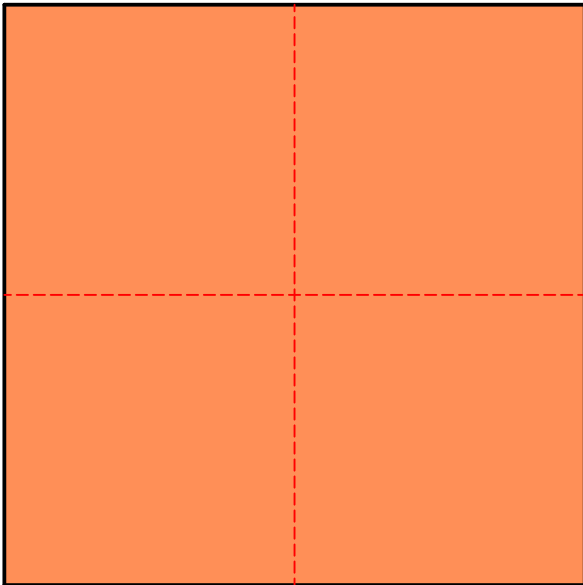


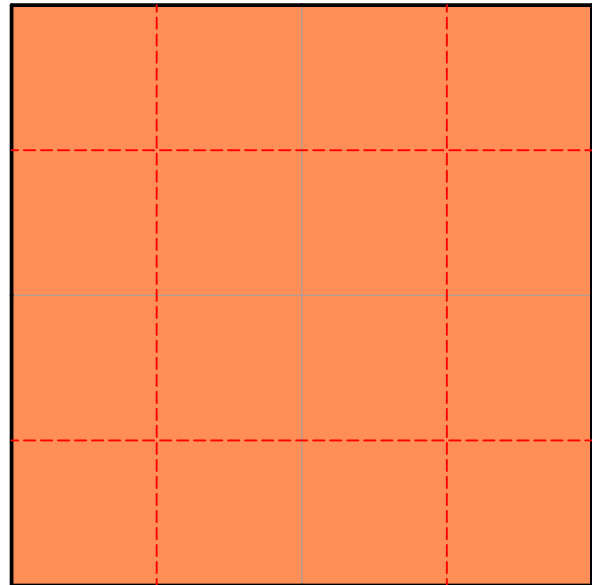
BB-8 Module 2 - (c) Martin Hunt 2016

Folding time, approx. 20-30 mins

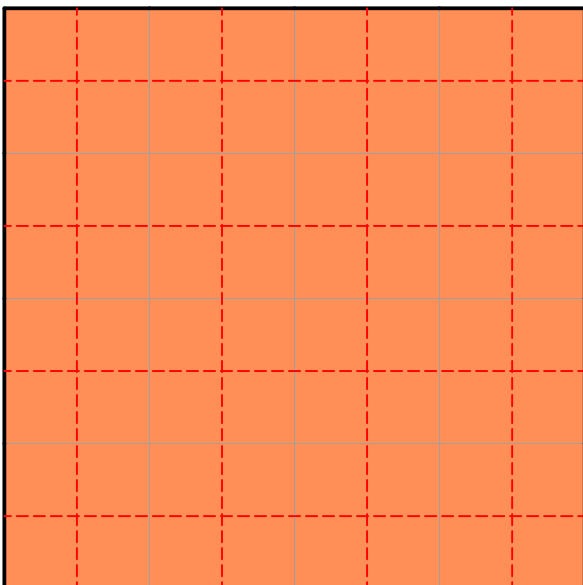
Start with a square, colour side up



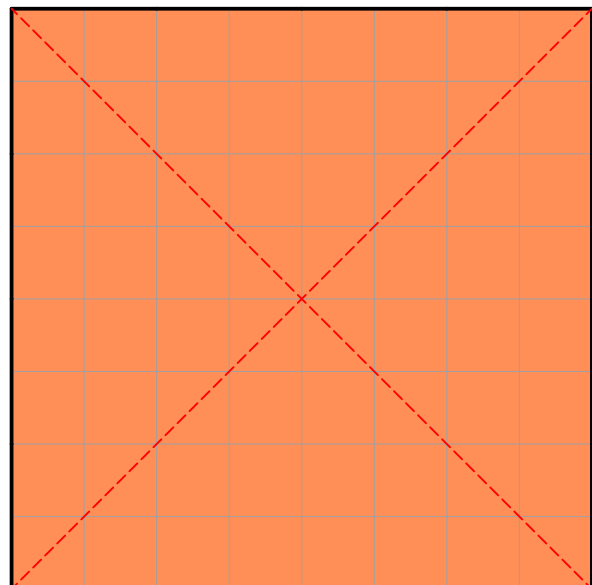
1. Fold in half horizontally and vertically



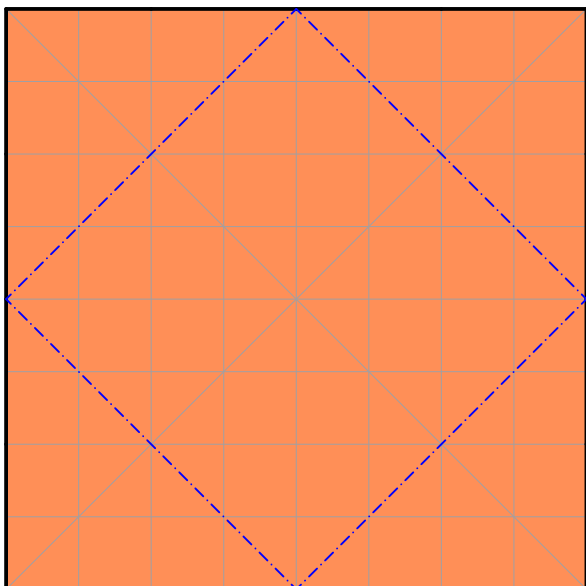
2. Fold all four edges to the centre line and unfold



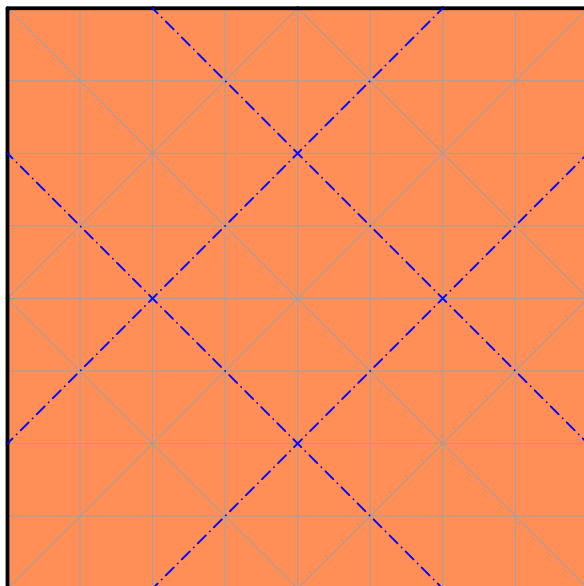
3. Divide the paper into an 8x8 grid using valley folds



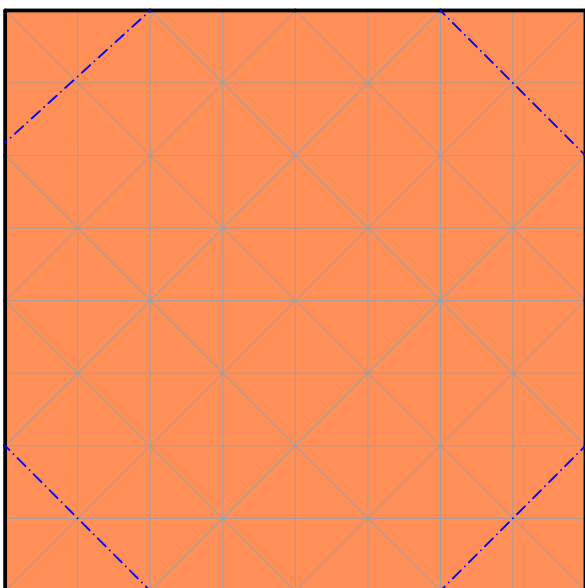
4. Valley fold both diagonals



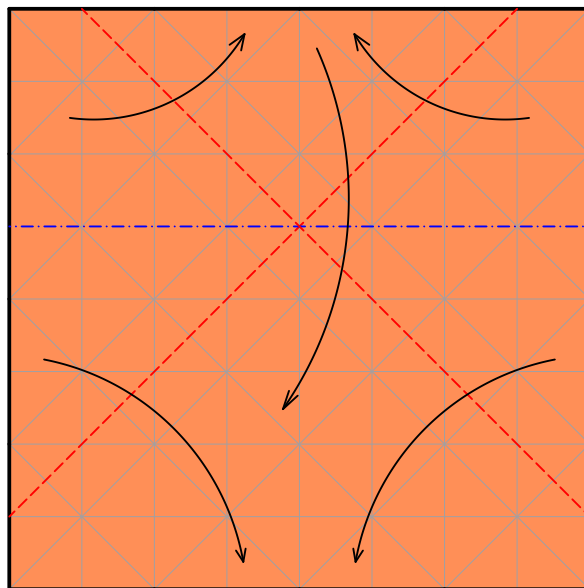
5. Mountain fold all four corners to the centre and unfold



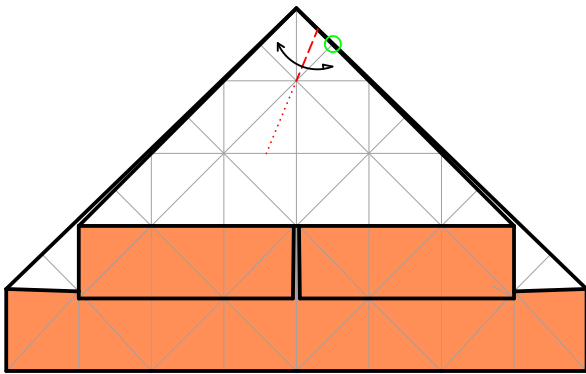
6. Mountain fold the marked diagonal creases



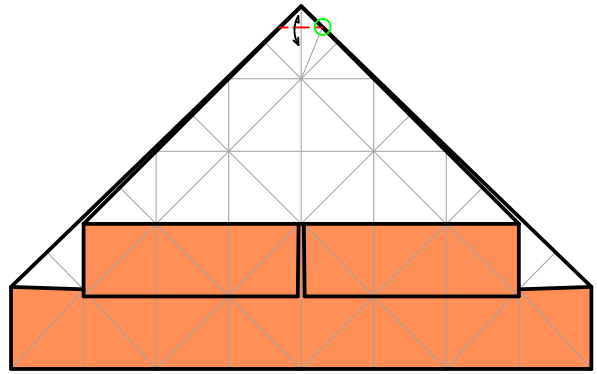
7. Mountain fold the marked diagonal creases



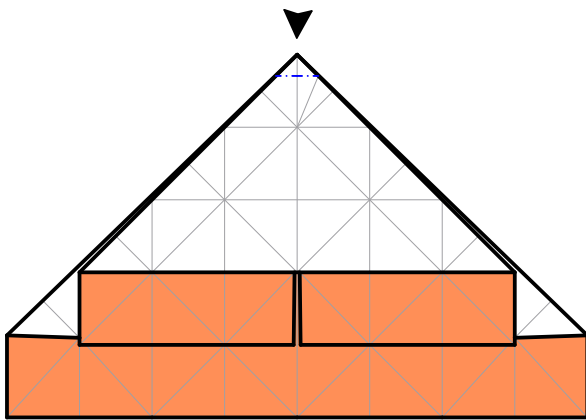
8. Fold an offset waterbomb base centred 3/8ths from the top of the square



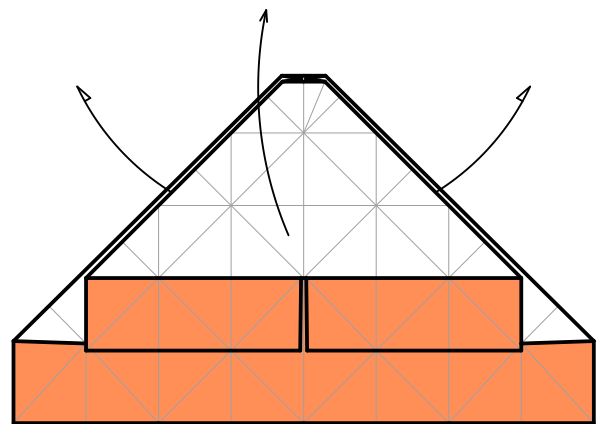
9. Crease the angle bisector, so that the marked point lies on the centre line



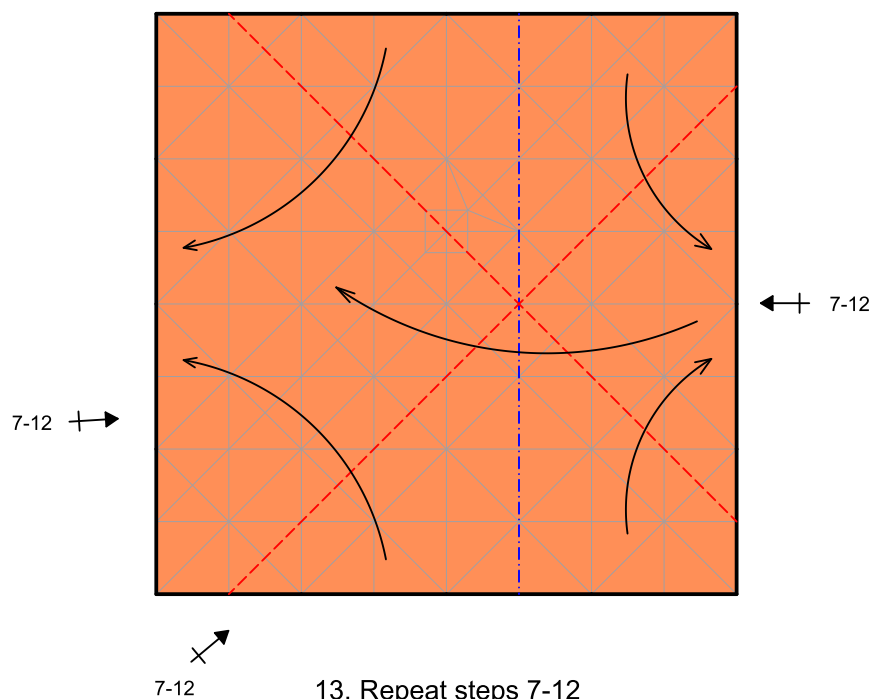
10. Fold and unfold down the tip where the crease from the previous step intersects the edge of the flap



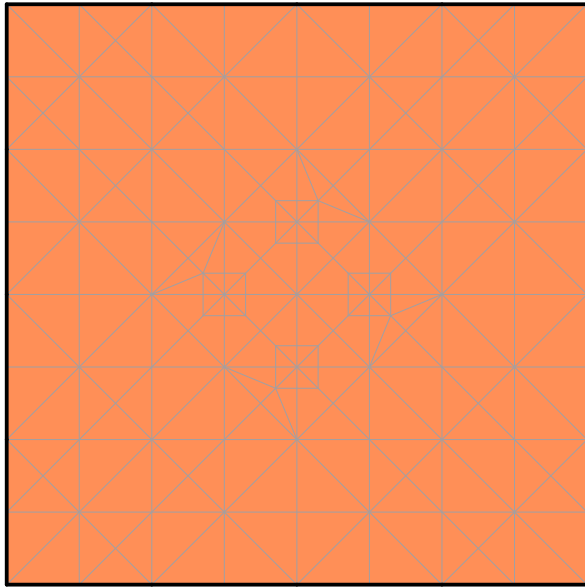
11. Open sink the tip using the creases made in the previous step



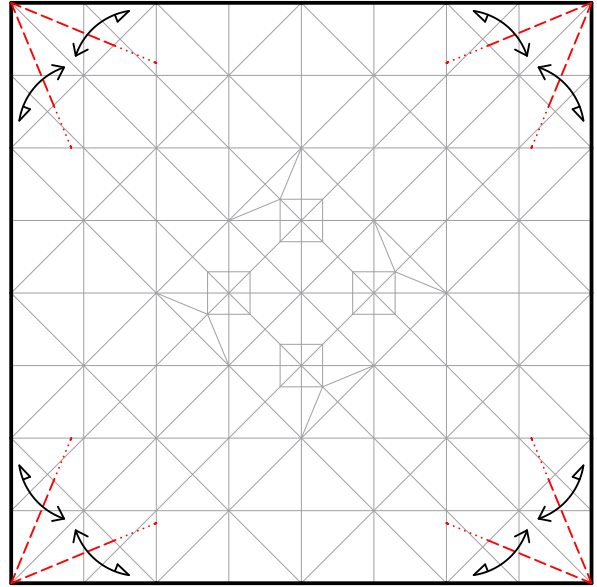
12. Unfold back to the original square



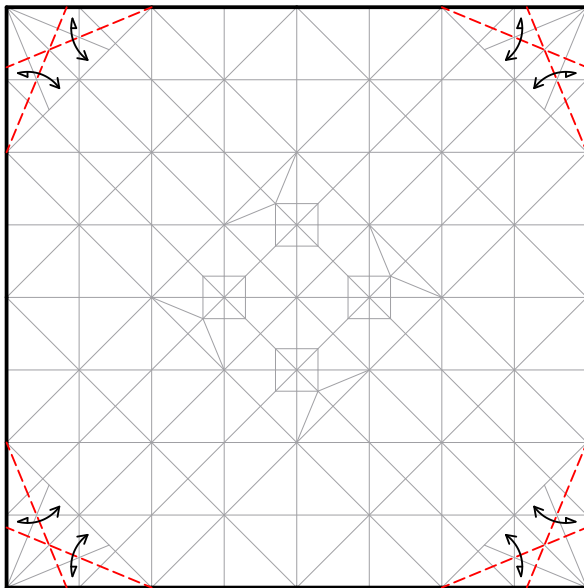
13. Repeat steps 7-12 on the 3 remaining edges



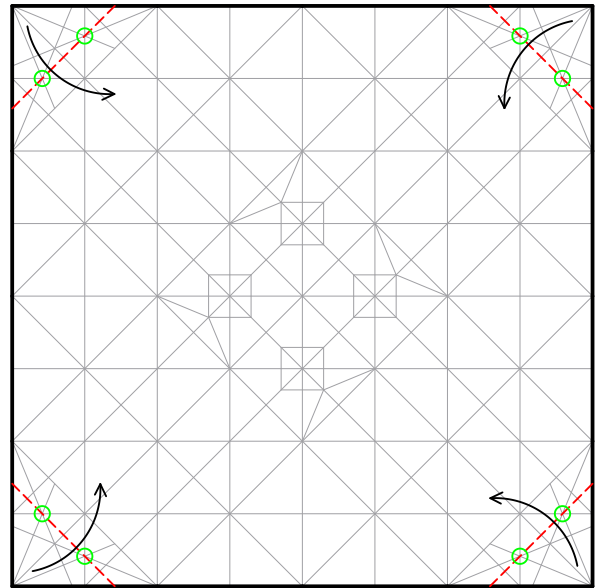
14. Turn over



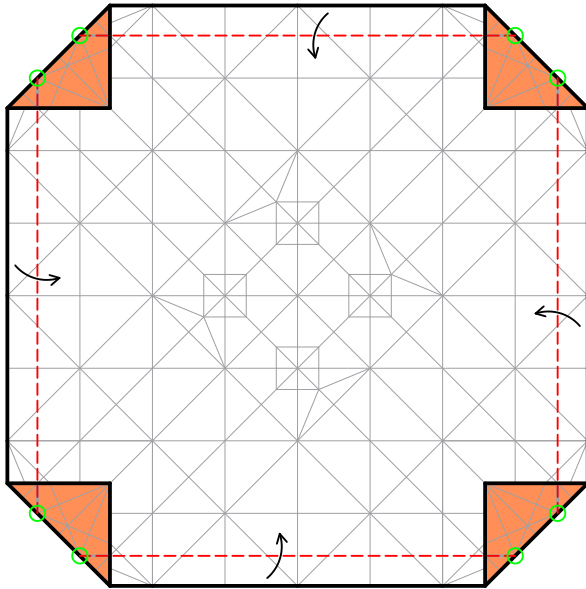
15. Fold the angle bisectors on all four corners, creasing firmly only where shown



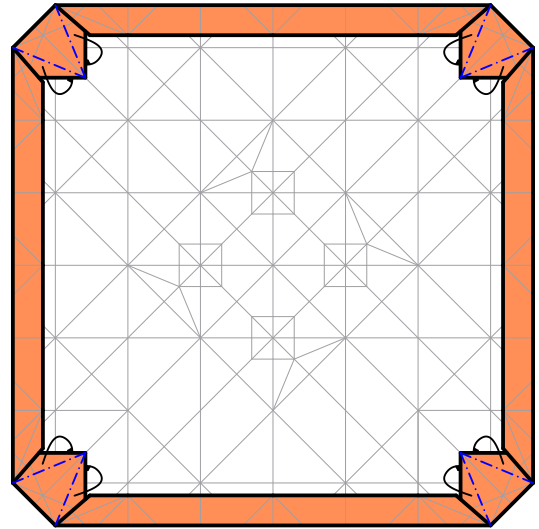
16. Fold the remaining bisectors of each corner flap



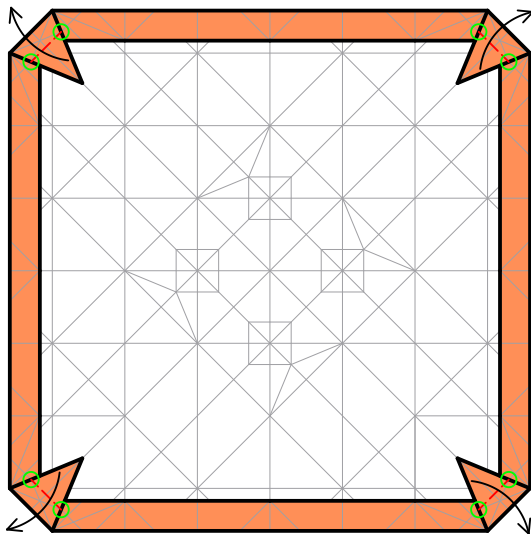
17. Valley fold the corners where the folds from the previous two steps intersect



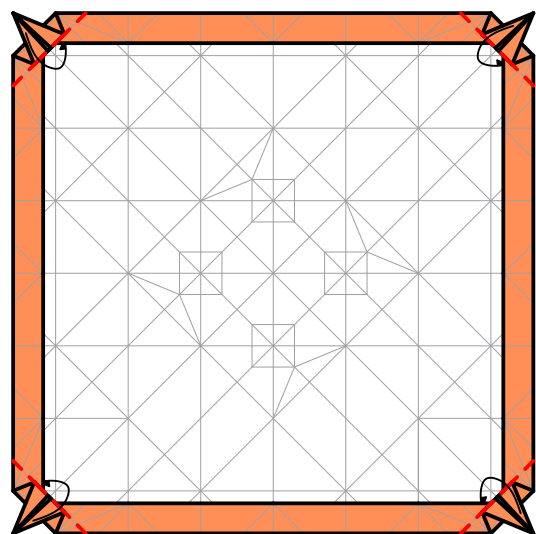
18. Fold the edges in using the same intersections points as reference



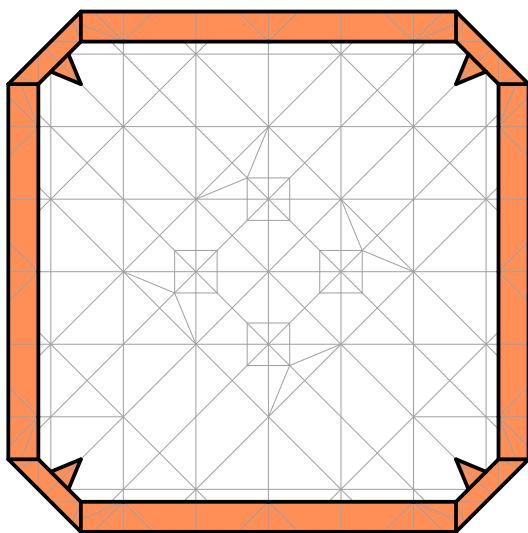
19. Swivel the edges of the flaps underneath using the existing creases



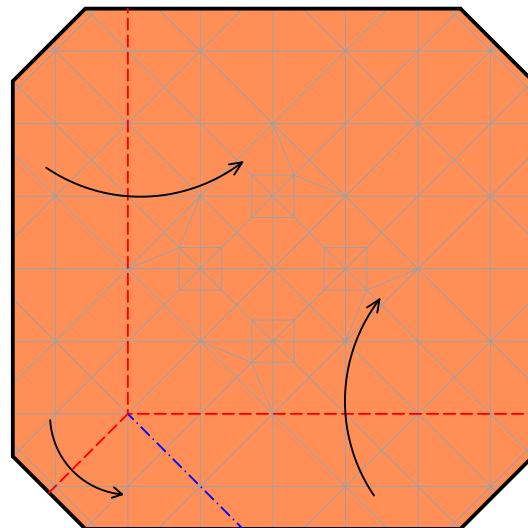
20. Fold the tips out using the second set of intersection points



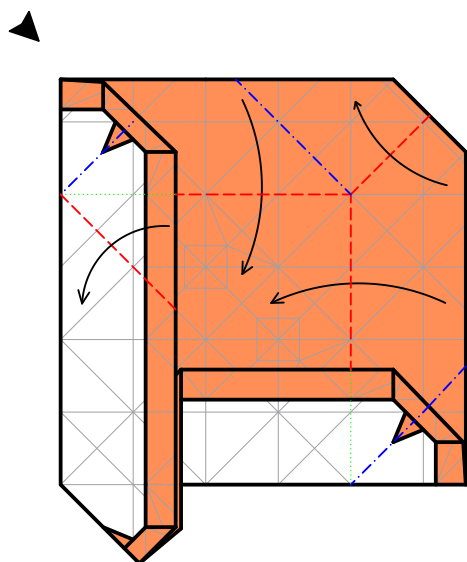
21. Fold the corners back in along the edges made in the previous step, tucking the edge underneath the coloured layers below



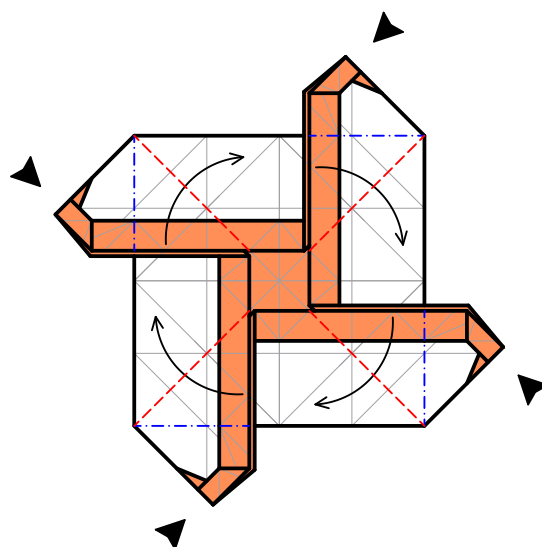
22. Like so. Turn over



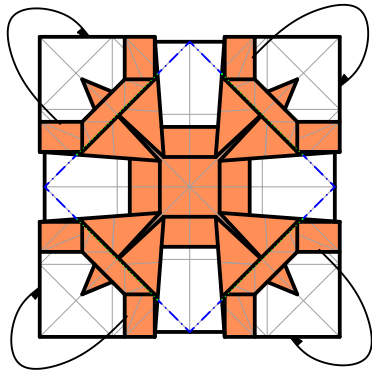
23. Fold two adjacent edges into the centre simultaneously, swivelling the corner to lie flat



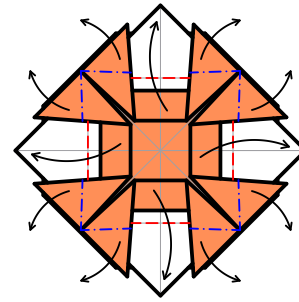
24. Repeat the previous step on the remaining two edges to create a windmill base



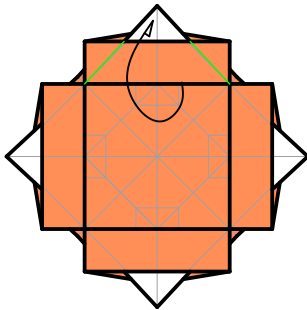
25. Squash fold all four corners



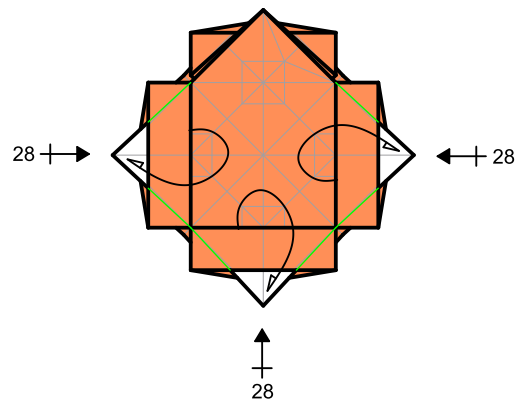
26. Fold all four corners behind



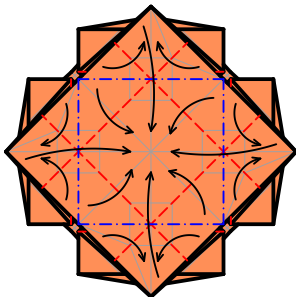
27. Squash all four flaps that meet at the centre of the square



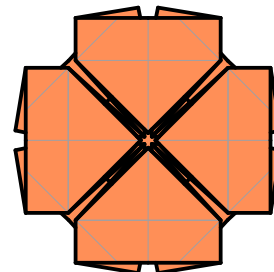
28. Like so.
Release the trapped corner, marked with the x-ray lines, bringing it to the top.
You will need to partially unfold the model to do this



29. Like so.
Repeat step 28 on the three remaining corners

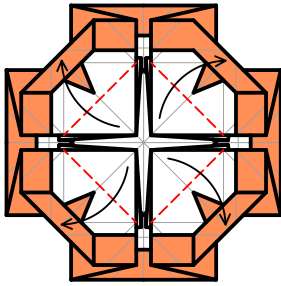


30. Fold all four edges of the diamond flap to the centre simultaneously, forming a small preliminary base at each corner

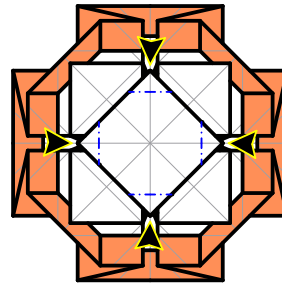


31. Like so.
Turn over

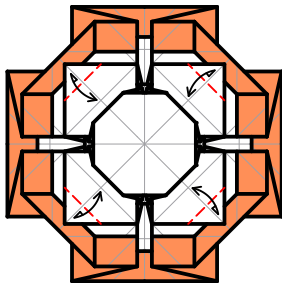




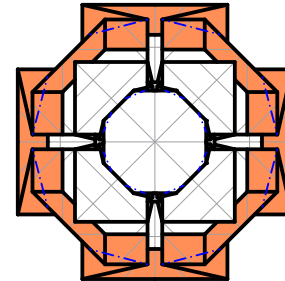
32. Fold the central flaps out as far as they go



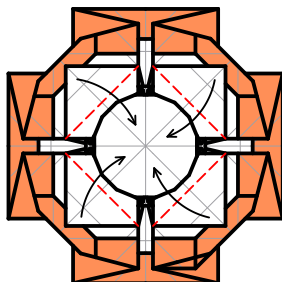
33. Sink the corners of the central diamond using the creases made in step 11. You will need to partially unfold the model to do this



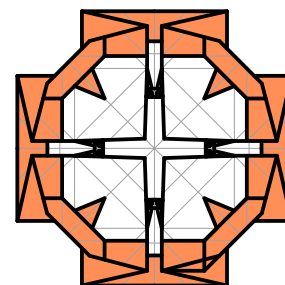
34. Fold half of each flap to the crease and unfold



35. Round the edges of both the inner and outer octagons using mountain folds



36. Fold the four flaps back to the centre



37. The unit is now complete

x6