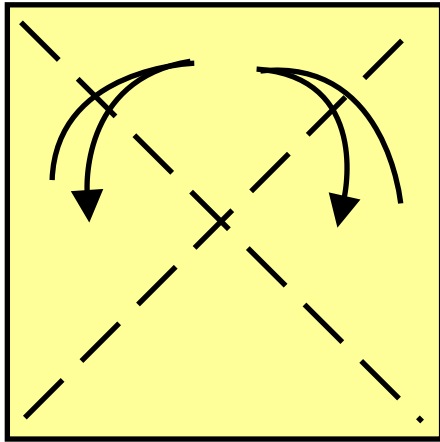
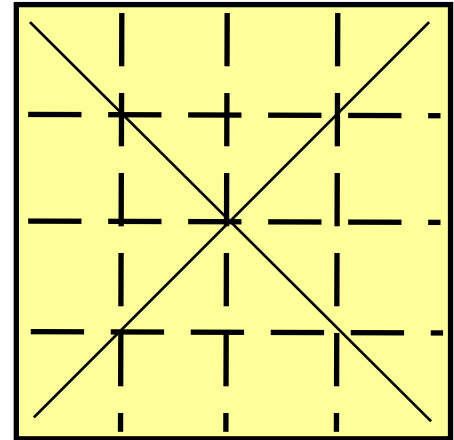


Magic Cube Unit

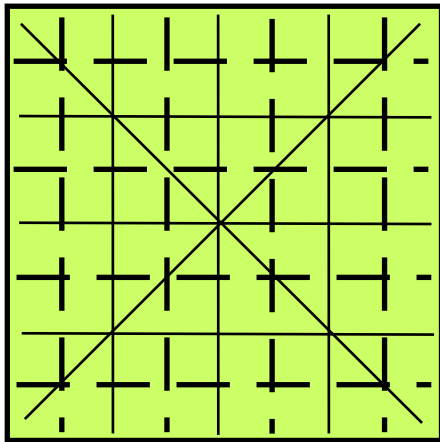
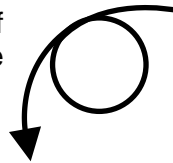
by Eugeny Fridrikh, Russia



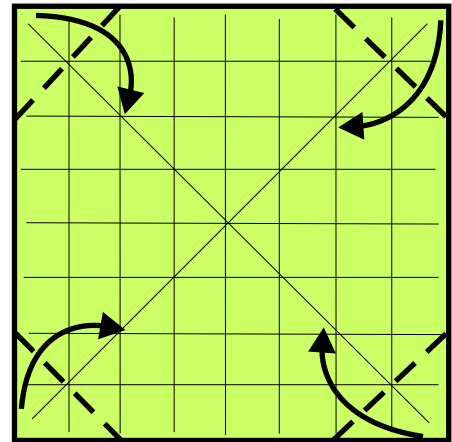
1. Take for the Magic Cube 6 squares of paper both sides colored differently. The optimal side length is 12-15 cm.



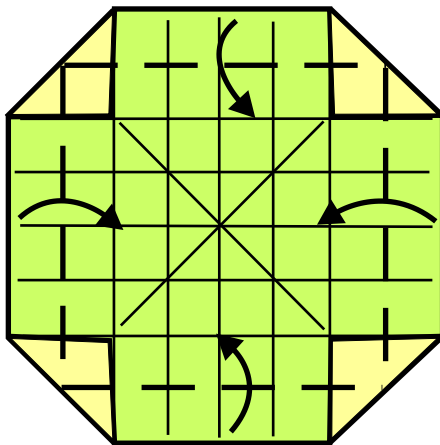
2. Divide the square on 16 parts by valley folds and otherwise the paper.



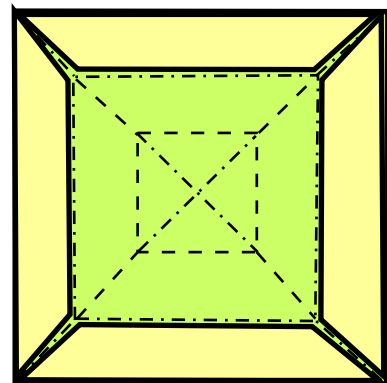
3. Now make more valleys to divide the square on 64 parts, like a chess board.



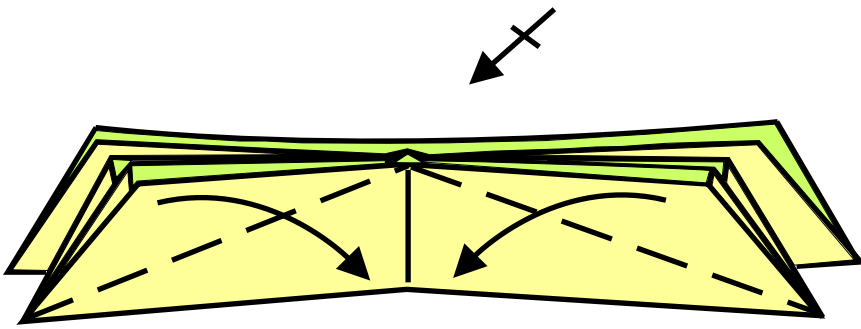
4. Fold four angles to the diagonals.



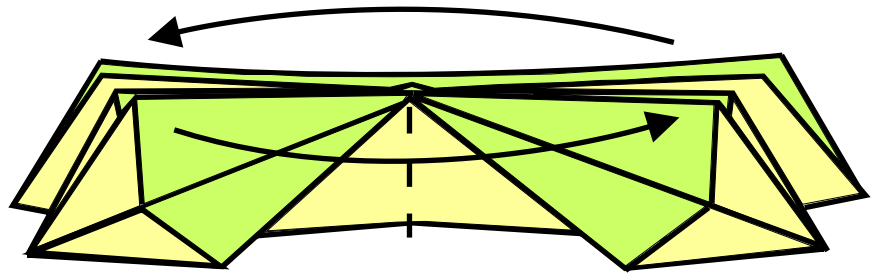
5. Valley folds again.



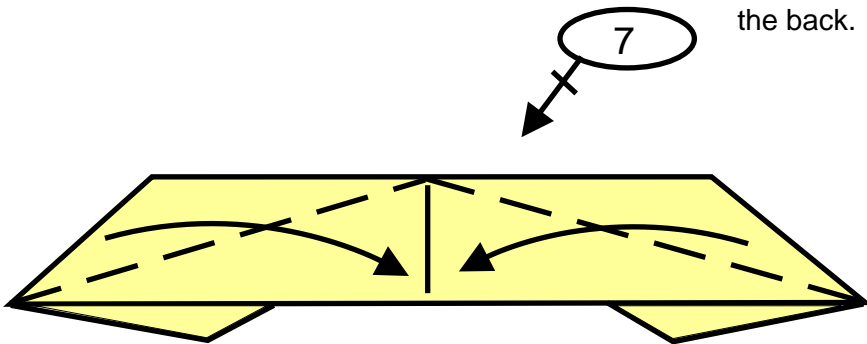
6. Close the paper, using the existing folds.



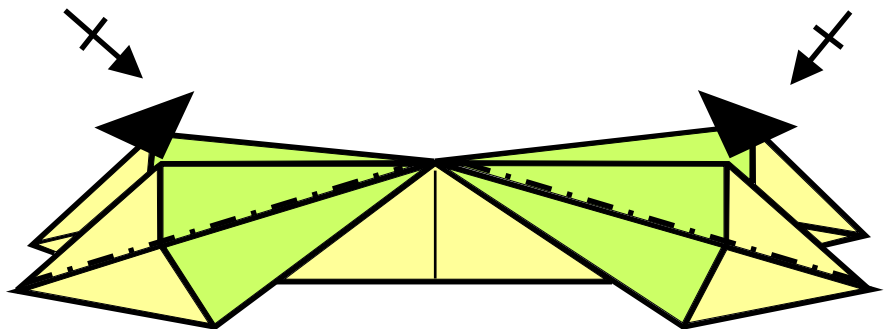
7. Two valley folds on the first layer.



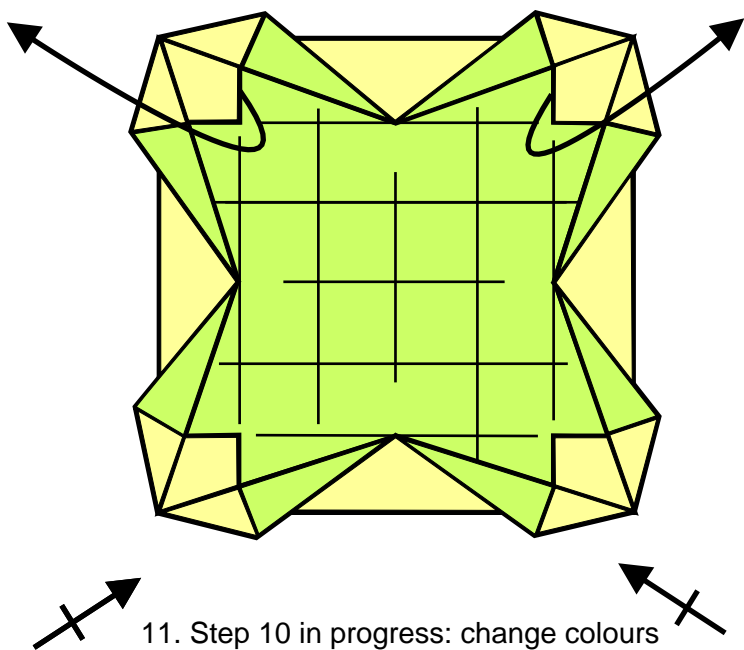
8. Flip through the left part to the right on the front and right part to the left on the back.



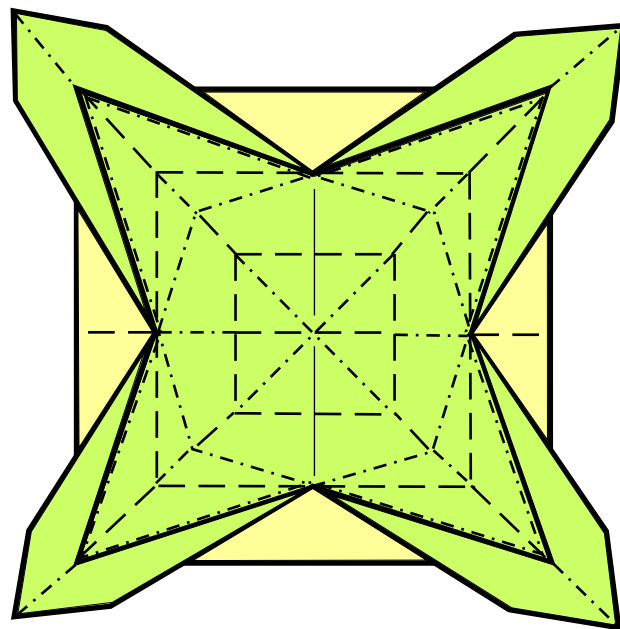
9. Repeat step 7 on both sides.



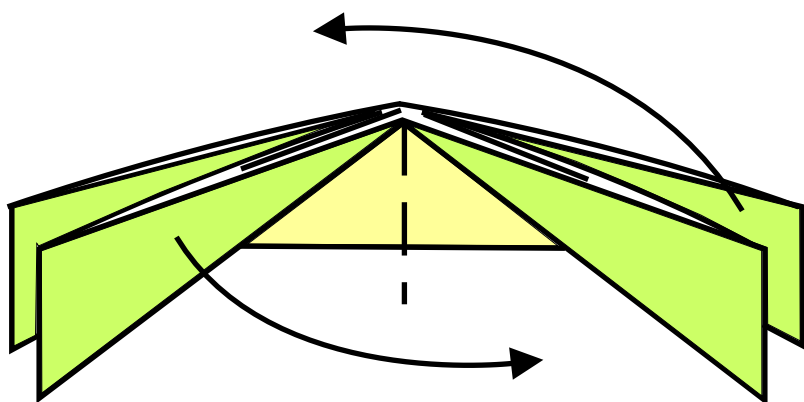
10. Open-sink.



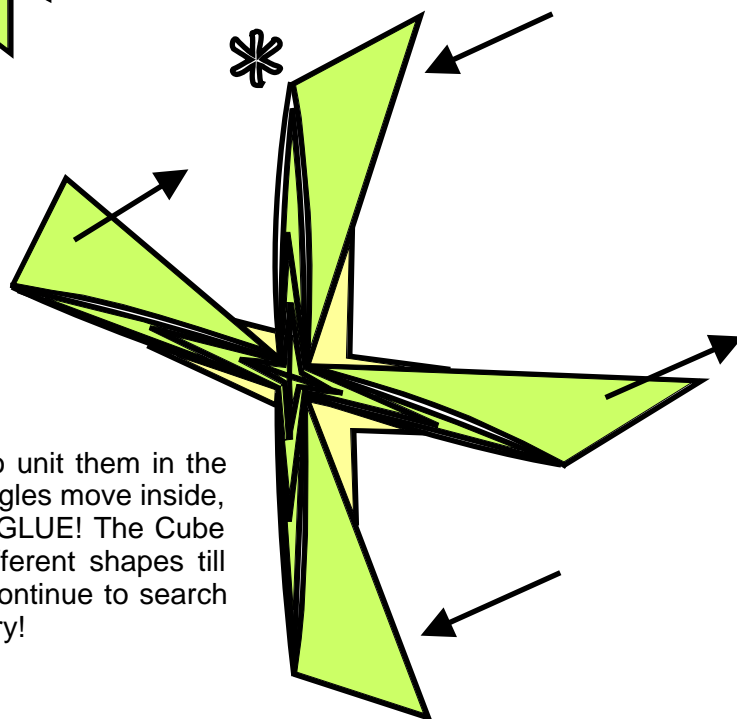
11. Step 10 in progress: change colours on the angles firstly.



12. Now fold the model by all "valleys" and "mountains" shown on this diagram to close.



13. Make the cross form.



14. The module is ready. Fold 5 such figures and start to unit them in the Cube shape. The main principle of uniting: two opposite angles move inside, two other opposite angles - outside. Angle to angle. Use GLUE! The Cube you'll receive is very flexible. You can transform it in different shapes till the flower and egg. You can even fold it inside out and continue to search new forms! Try to play with this model to explore it's mystery!