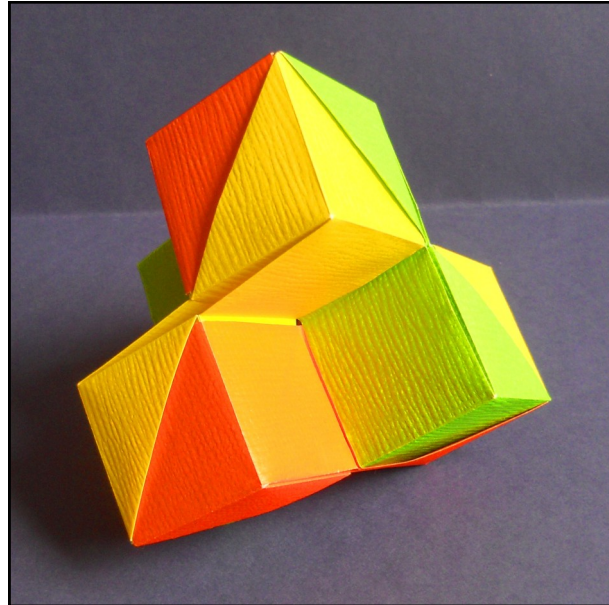


Four Cubes

Designed by David Mitchell

Four Cubes was designed in 1995. Diagrams were first drawn by Larry Hart in 1998.

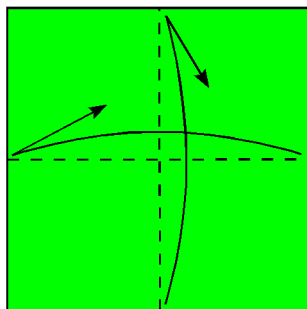
In their original form, as diagrammed here, the centre of the modules is springy and as a result they do not easily hold their final form until they have been assembled. This makes the assembly phase somewhat challenging. Four Cubes is not a design for modular novices to tackle. However, the result is worth the effort required.



You will need six squares of paper. The diagrams show you how to make Four Cubes using two squares in each of three contrasting but complementary colours.

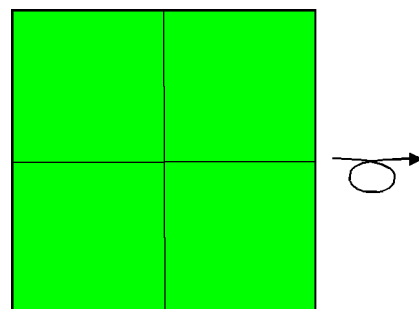
If you are using irogami begin with your paper arranged coloured side up.

1



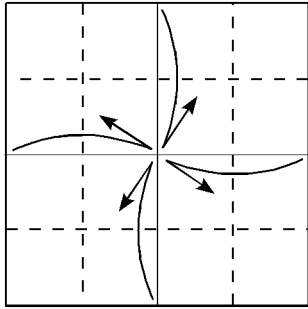
1. Fold in half edge to edge, then unfold, in both directions.

2



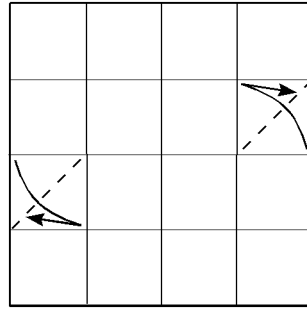
2. Turn over sideways.

3



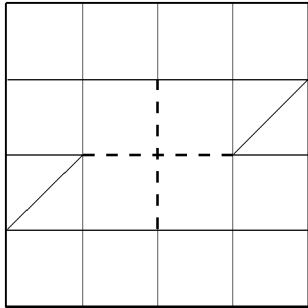
3. Fold all four edges into the centre, then unfold, in turn.

4



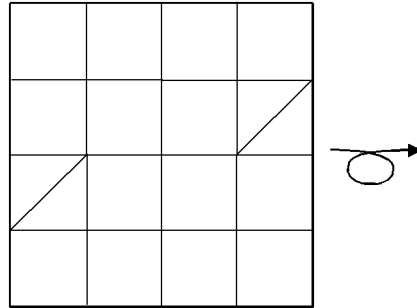
4. Make these two small creases as shown.

5



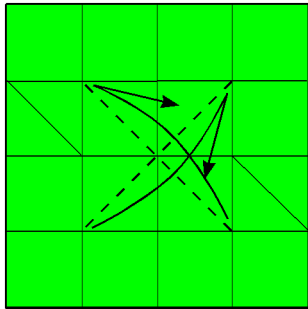
5. Change the direction of the creases within the centre square.

6



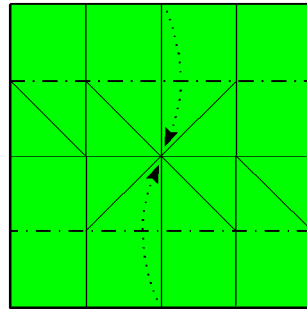
6. Turn over sideways.

7



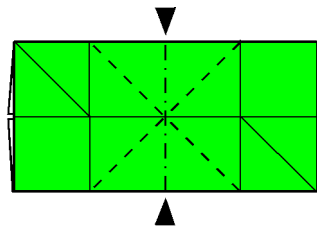
7. Crease in both diagonals but only within the central square.

8



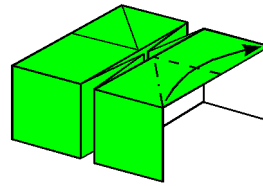
8. Fold the top and bottom edges backwards using the existing creases.

9



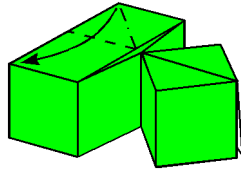
9. Collapse the central waterbomb base allowing the design to become three-dimensional as you do so.

10



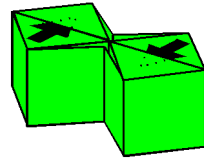
10. Fold the front corner onto the left corner using the existing creases.

11



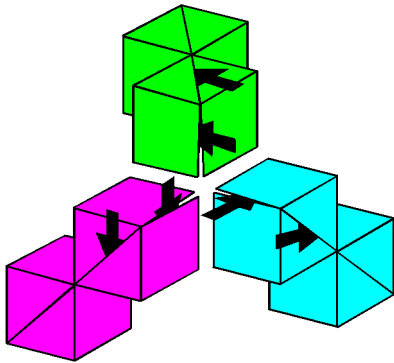
11. Repeat step 10 on the back right half of the design.

12



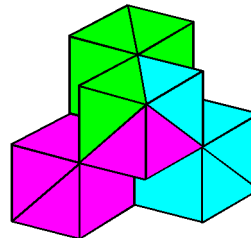
12. The result should look like this. Make all six modules.

13



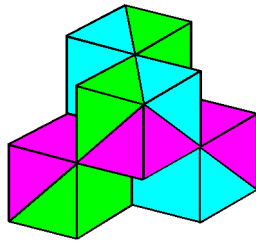
13. The first corner goes together like this. This is not easy but it is possible. Be patient and persuade the modules gently into place.

14



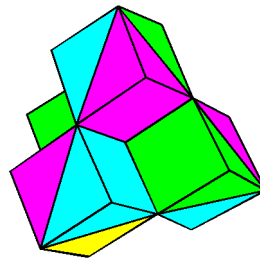
14. The finished first corner looks like this. Add the remaining modules one by one to create the other five corners as well.

15



15. The finished design will look like this.

16



16. Four Cubes is probably displayed to best advantage like this.