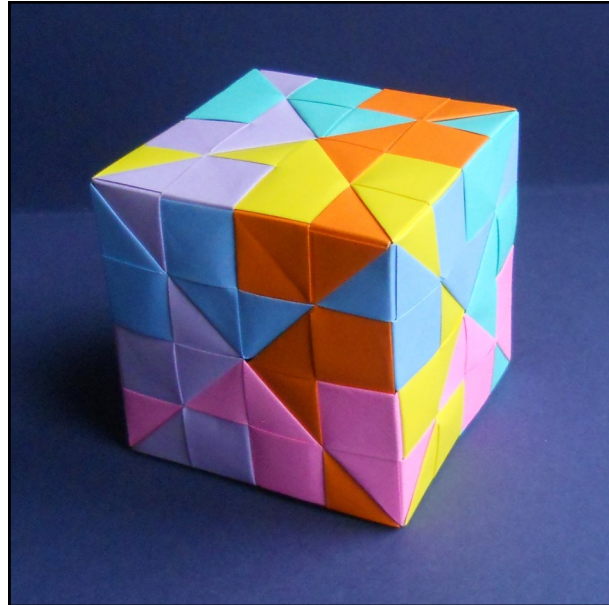


Letterbox 24-part Cubes

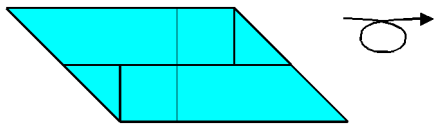
These diagrams show you how to make 24-part Cubes from Letterbox parallelogram modules using four modules in each of six colours. Many other colourings are, of course, possible.

I discovered Letterbox parallelogram modules in 1987.

Diagrams showing you how to make the basic form of the Letterbox module can be found elsewhere on this site.

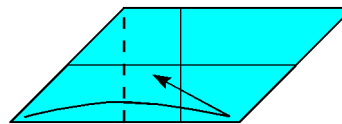


1



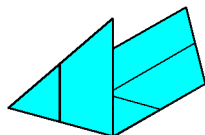
1. Begin by turning your first module over sideways.

2



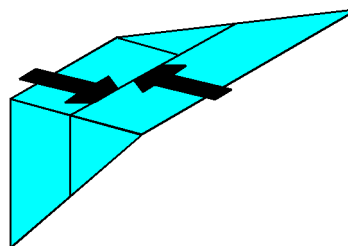
2. Fold the bottom left point inwards as shown then unfold to right angles.

3



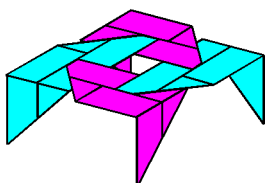
3. The finished module should look like this. You will need four modules in each of six colours.

4



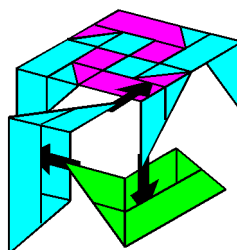
4. The arrows indicate the location of the pockets.

5



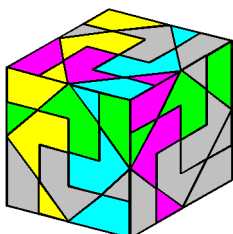
5. Four modules go together to form one face of the cube like this.

6



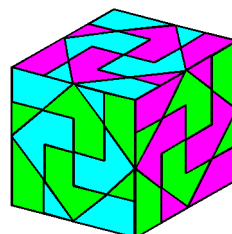
6. Two further modules can be added like this to create a corner. Continue adding modules in a similar way until the cube is complete. Finishing the assembly of this cube is not easy.

7



7. The finished six colour 24-part Letterbox Cube should look like this. Each of the colours forms a continuous band around the cube.

8



8. This is what a 24-part Letterbox Cube would look like if you made it from eight modules in each of three colours with each colour arranged in a double band around the cube.

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