



**UNITED
SQUARE®**

Educational Book 3 CUBES

Educational Book have been developed in collaboration
with Stephane Robert, french Mathematic teacher.



Total control of pieces and possible assemblies?

No need now to turn back and constantly turning the pieces to find a color match?

Let's move to the third dimension!

Why not put a cube his Harlequin costume and play with it?

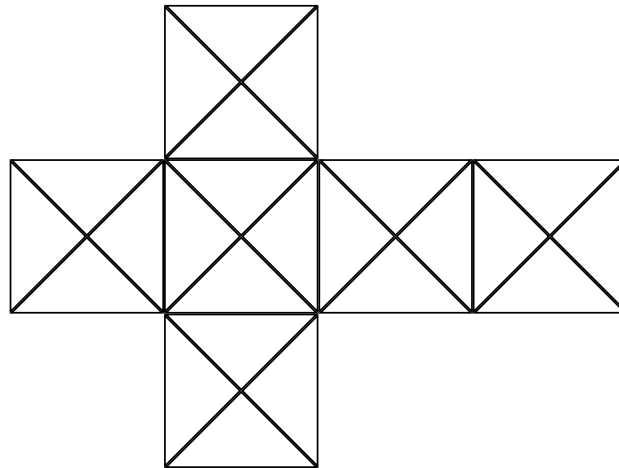
It is so beautiful but devilishly devious. Obviously once we have several cubes available, the desire comes back from wanting to assemble, the wanting to match the colors of the edges.

Here we go, space puzzles, questions and why not even a United cube?

Dare...

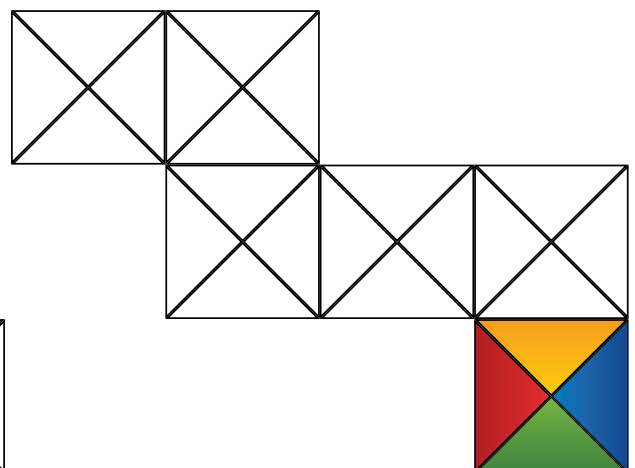
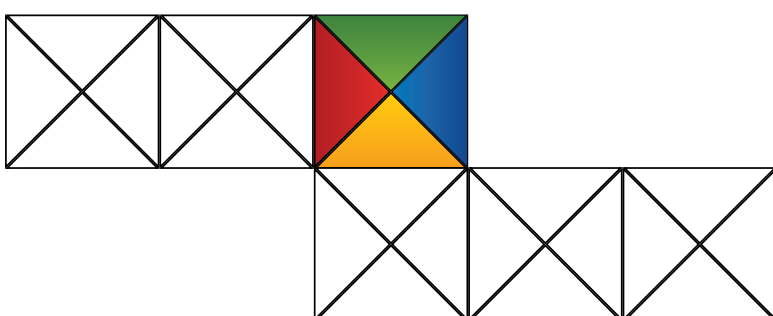
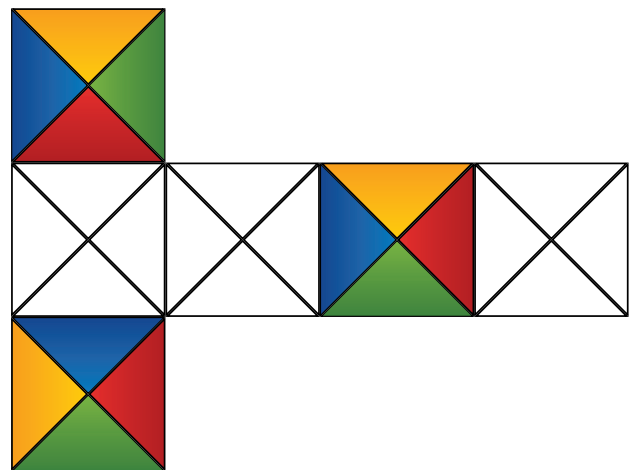
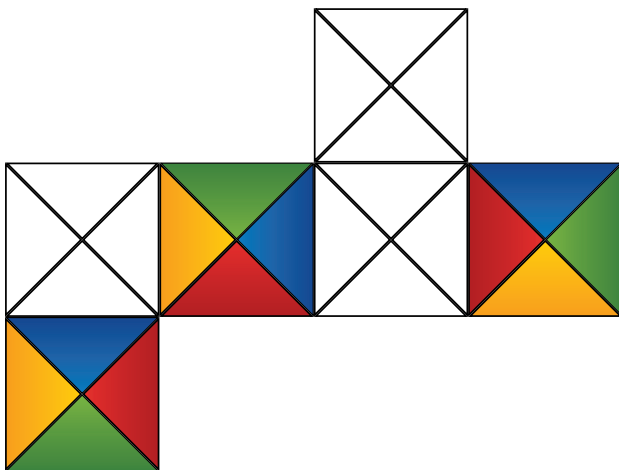
It is possible with the six different game pieces to cover the sides of a cube in such that triangles in contact at the edges of the same color are identical.

Can you find a pattern and complete with colors that is proposed?



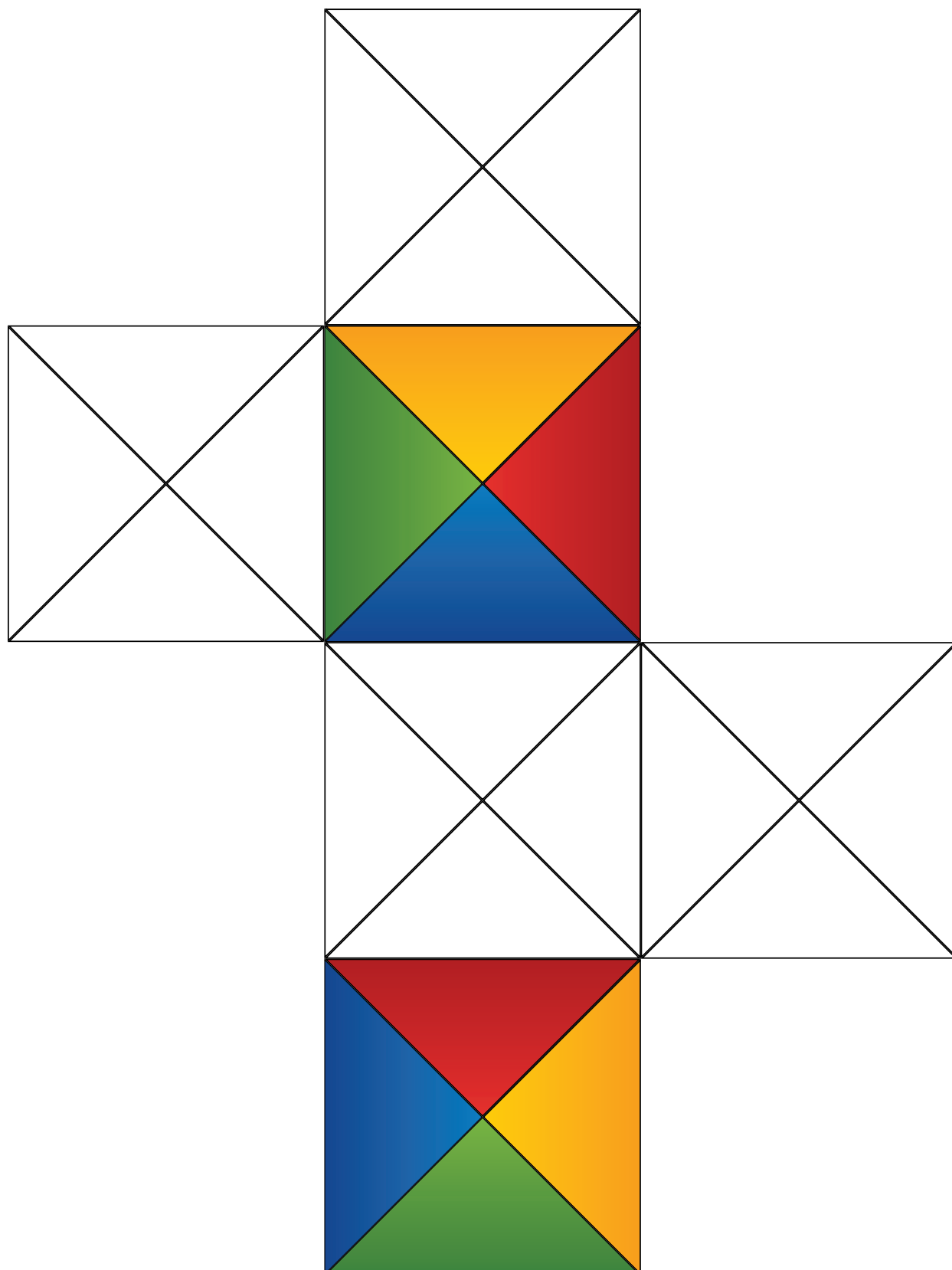
Other patterns can be obtained . We propose you some of them.

Determine the colors of isosceles triangles that it composes.



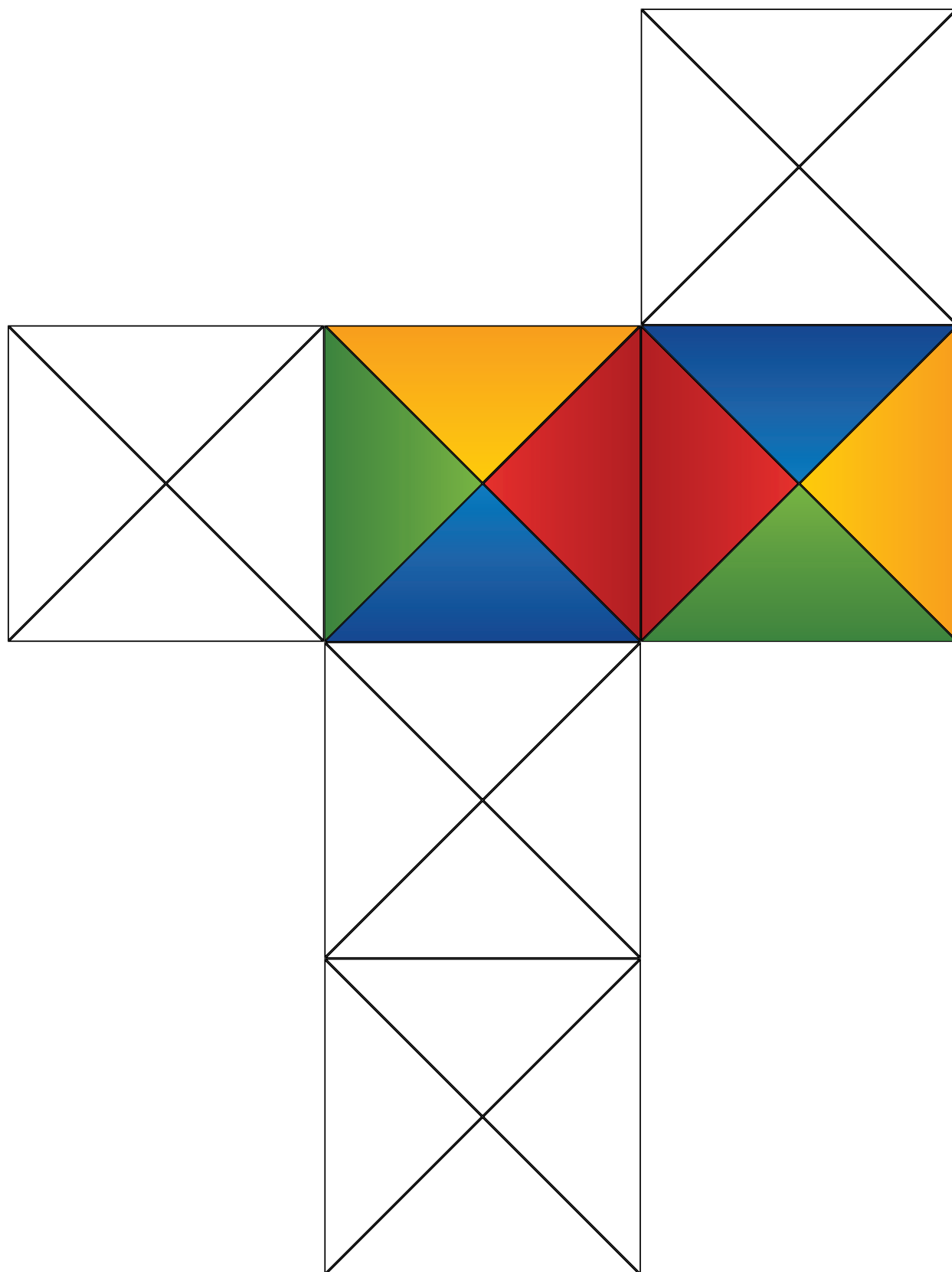
It is possible with the different six pieces of the game to cover the faces of a cube so that the triangles rectangles in contact at edges are identical in color.

For you to complete correctly this pattern with the a set of pieces at your disposition.



It is possible with the different six pieces of the game to cover the faces of a cube so that the triangles rectangles in contact at edges are identical in color.

For you to complete correctly this pattern with the a set of pieces at your disposition.



It is possible with the different six pieces of the game to cover the faces of a cube so that the triangles rectangles in contact at edges are identical in color.

For you to complete correctly this pattern with the a set of pieces at your disposition.

