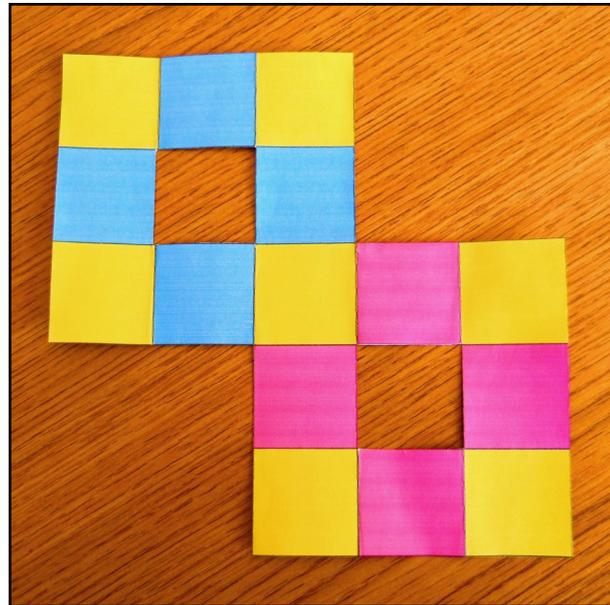


Five in a Row

Designed by David Mitchell

Five in a Row is a development of the puzzle Three in a Row which was designed by Robert E Neale. The object of Five in a Row is to fold the puzzle up into a flat strip in which one square of each colour is arranged in a row.

The solution can be found on the Puzzles page of this site. As always it is far better to play with the effect / puzzle and discover the manipulation / solution for yourself than to look it up at too early a stage.



You will find a template for the puzzle on the last page of this pdf, or a slightly larger version on the Puzzles page of this site, which you can print, cut out and fold up following the instructions below.

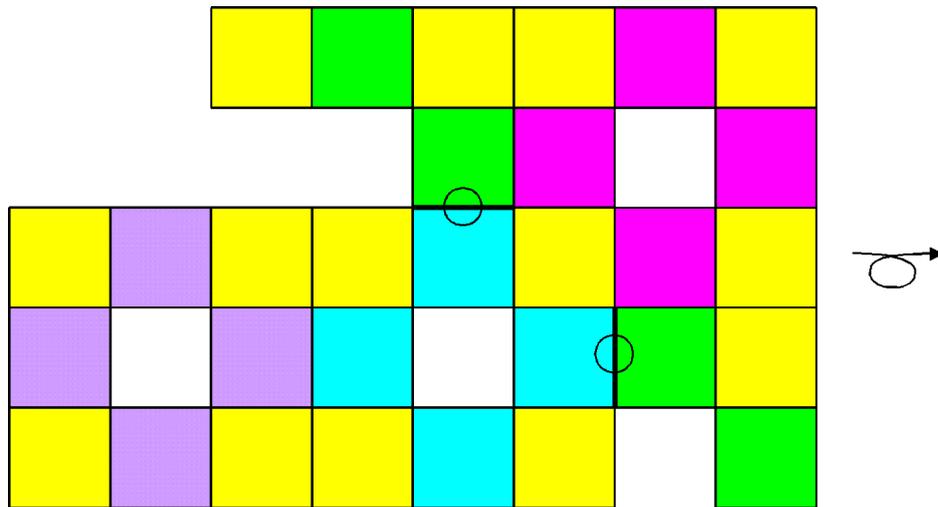
Five in a Row was designed in 2017.

It is tempting to think that a second version of Five in a Row could be designed by beginning with a grid like the one on the right. Unfortunately the solution in this case is trivial.

Yellow	Cyan	Yellow
Cyan		Cyan
Yellow	Yellow	Yellow
Purple		Purple
Yellow	Purple	Yellow

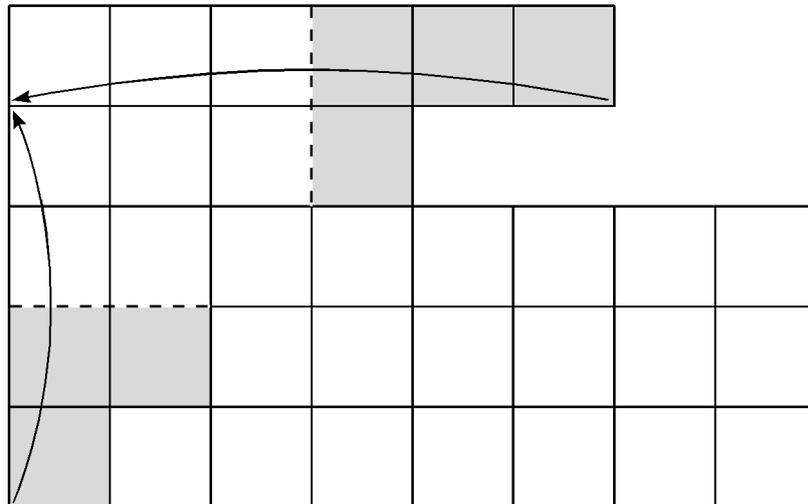
Yellow	Pink	Yellow
Pink		Pink
Yellow	Yellow	Yellow
Green		Green
Yellow	Green	Yellow

1



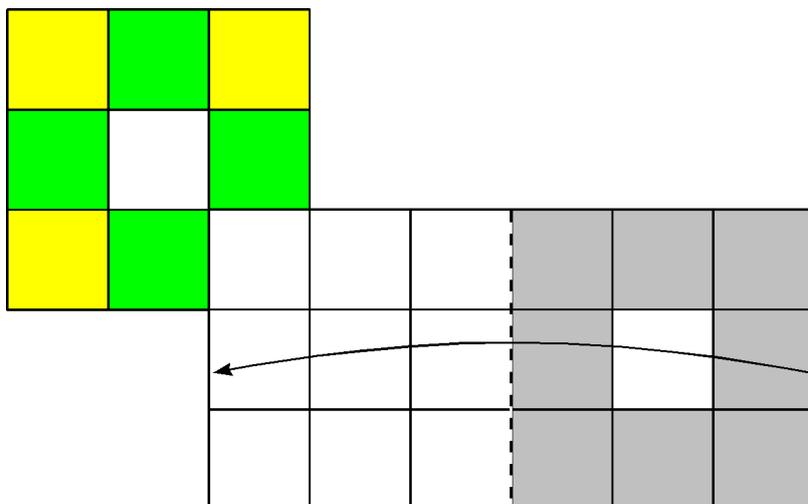
1. Cut the template out, remove all three central squares and crease carefully along all the boundaries between the remaining sixteen small squares. Fold all the creases backwards as well as forwards so that all the segments move freely in relation to each other in both directions. When you have done this cut along the two thicker black lines which are marked with circles here. Turn over sideways.

2



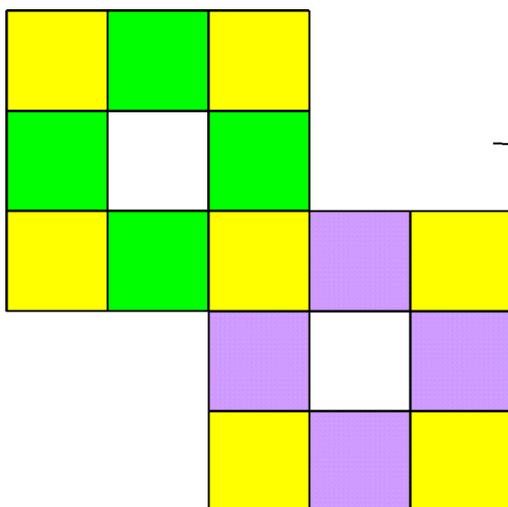
2. Apply glue to both areas of the template shown shaded here then make the two folds shown.

3



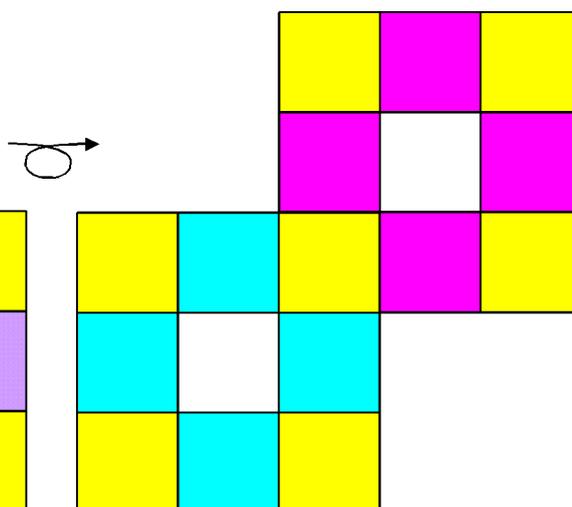
3. Apply glue to the area of the template shown shaded then make the fold shown..
Make sure all the edges line up and press firmly together. Leave to dry.

4



4. The result should look like this.
If necessary, trim the edges slightly to neaten them. Make sure all the hinges between the squares still move freely in both directions. Turn over sideways.

5



5. The challenge is to fold the puzzle up, using only the creases you have already made, so that you end up with a flat strip made up of one square of each of the three colours. The three colours can be in any order.

