

## Symmetrical Colour By Number Pixel Puzzle 2

Some squares have a number that tells you the colour to colour in that square. Look up the colours in the key. Other squares have no number. Work out what colour they are by symmetry. So, for example with a colour lookup table 1 Blue, 2 Red a row with numbers (where \_ means blank) 1 1 1 1 1 2 2 2 \_ \_ \_ \_ \_ would mean colour five pixels blue and then three pixels red, then by symmetry three pixels red and five pixels blue.

7	0	7	7	7	7	5	5										
7	0	7	7	6	7	7	5										
7	0	7	7	7	6	6	4										
7	7	0	7	3	3	4	4										
7	7	7	0	3	4	4	8										
7	7	7	7	7	4	4	8										
7	7	0	0	4	8	2	4										
7	0	7	8	4	4	8	2										
7	0	7	8	4	4	8	1										
0	7	7	8	4	4	4	8										
0	7	7	8	4	4	4	8										
7	7	0	4	8	4	4	8										
7	0	7	4	8	4	4	8										
7	0	7	7	8	4	8	8										
7	0	7	7	7	4	4	0										
7	0	7	7	7	7	7	7										

www.cs4fn.org
teachinglondoncomputing.org

**KEY**

0
1
2
3
4
5
6
7
8

You can get a picture back that you have turned in to numbers even if you don't store all the numbers... if you know something more about it, such as that it is symmetrical.