

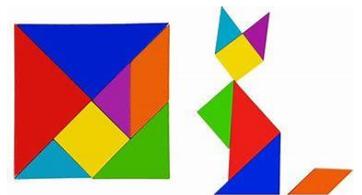
Maths and Art

Create a messy geometric picture. Put masking tape onto the canvas in a series of intersecting lines of various lengths and at various angles. Now get messy! Splatter the canvas with paint, the more freeform the better. Allow the paint to dry then remove the tape. What shapes have you been left with?

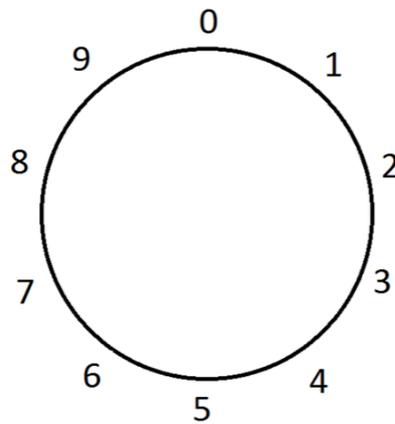


Download a set of tangrams
<https://www.activityvilla.co.uk/tangram-colour>

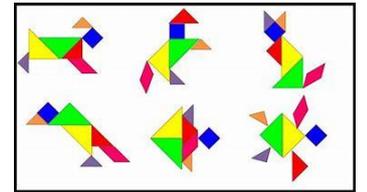
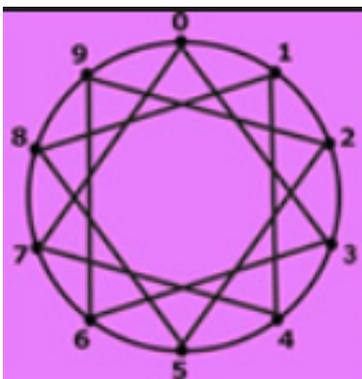
Carefully cut out the tiles and use them to create your own pictures. Can you recreate some of the images below?



Using the numbered circle shown investigate the different patterns that times tables can make. Take the unit number from a times tables sequence (e.g. in the 3 times table 3, 6, 9, 2, 5,...) and use that sequence to create a linear pattern that travels from one digit to the other.



Investigate different times tables patterns on the same numbered circles. Are there any times tables that create the same patterns?



Using only 2D shapes what skylines can you design?

