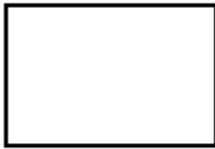


How To Make your Own Tessellations

Tessellations are patterns of repeating shapes that can tile an area with no overlaps or spaces between the shapes. They can be used as a fun way to explore geometry and patterning. Here is a simple technique for making your own tessellations:

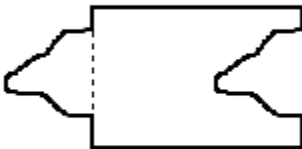
- 1) Start with a small paper square, rectangle, triangle, or hexagon (in this example, a rectangle is used):



- 2) Cut out and save a shape from one side of the figure:

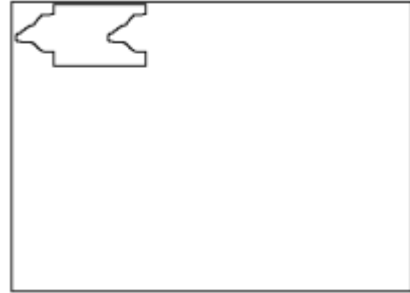


- 3) Tape the saved shape onto the opposite side of the original figure, aligning it with the cut-away area:

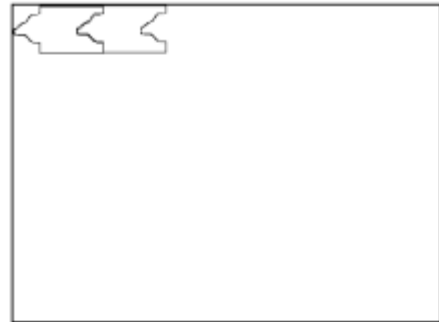


- 4) Repeat steps two and three with the other side(s), if desired.

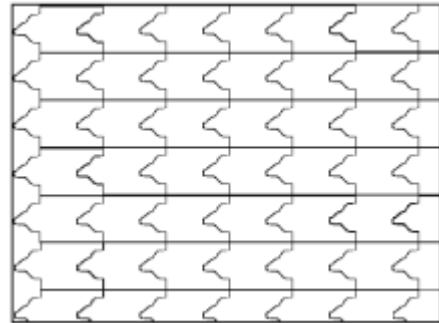
- 5) Trace your pattern piece onto a larger sheet of paper:



- 6) Reposition the pattern piece and re-trace it to make the next tile in the tessellation:



- 7) Repeat step six until the desired area is covered:



- 8) Colour your tessellation as desired:

