Pursuit Curves

The technique is simple.

1. Draw a regular 2D shape. Then progress around the side of the shape either clockwise or anti-clockwise marking a set distance from each corner.

2. Join the marks you make up so that you have a smaller version of the shape slightly offset inside the original shape.

3. Now continue as before on the sides of this new shape.

etc.

Colour your final drawing and try mixing shapes

This STEM Maths video is a good demonstration – Search Pursuit Curves Maths Video

https://www.bing.com/videos/search?q=pursuit+curves+maths&&view=detail&mid=BE7D9182E1F7D944DFA2BE7D9182E1F7D944DFA2&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3Dpursuit%2Bcurves%2Bmaths%26FORM%3DHDRSC3