



Learning Objective

- To understand what tessellation is and how it can be used to create patterns

Key Words

Tessellation
Rotation
Pattern

● Step 1 - Knowledge & Comprehension

Use the internet to find out about tessellation. What is it? Type 'tessellation' into Google Image and choose an example of tessellation that you like.



● Step 2 - Application

Draw and colour a copy of the example of tessellation that you chose in step one. Try to make it as accurate as possible.



● Step 3 - Analysis

Can all regular shapes be used in tessellation. Do circles tessellate? Think about how different shapes combine to create tessellated patterns. Use Google Image to look at tessellated designs and examine how a range of shapes can be used together to create tessellated designs.



● Step 4 - Synthesis

Design your own tessellated pattern. You can use graph paper to help you if you like. Colour your design once complete.



● Extension Task - Evaluation

Explain what you did for this homework project. Talk about your research into tessellation, the techniques and skills that you used to produce your own design and how well you think you did overall.