



Computing Knowledge Organiser		
Year group: 5	Topic link:	Element of Computing: digital literacy
Key Question: What is tessellation and how can it be aided by technology?		



Key Vocabulary	
Tessellation	A tessellation or tiling is the covering of a surface, often a plane, using one or more geometric shapes, called tiles, with no overlaps and no gaps.
Digital Art	Digital art refers to any artistic work or practice that uses digital technology as part of the creative or presentation process. It can also refer to computational art that uses and engages with digital media



What key knowledge will I have by the end of this journey?

What is the difference between digitally enhanced art and digitally created art?

The pros and cons of digital art

What tessellation is, where is it used in day to day life?

Word – on laptops

Inkscape

My outcome will be
To create a piece of digital art with an element of tessellation

What key skills will I have by the end of this journey?

Ability to use the inkscape software

Ability to make design choices to meet some given criteria

Able to take inspiration from existing artwork

Able to offer feedback to a peer and assess own work.

Links to previous and future learning			
In Year 3 Be able to logon using personal logins	In year 4 Create a wiki document with an element of online collaboration	In Year 5 Draw and design using art software	In year 6 Consolidate prior learning through a project