

Shape Assignment – Tiling/Tessellation

Learning Intention:

We are learning to create a wide variety of tiling patterns.

Success Criteria: We will...

- Identify whether or not a shape can be tiled
- Create our own tiling/tessellation pictures
- Identify tiling/tessellation in our environment

Instructions:

1. Read <https://www.mathsisfun.com/geometry/tessellation.html> to learn about tiling and tessellation.
2. Complete *Tiling Challenge Cards*
3. Research the different types of tiles you can buy. Can you identify the shapes of all the tiles you see? What is the most unusual shape of tile you can find?
4. Watch this video - https://www.youtube.com/watch?v=Ca5J_moe7U 'How to make a tessellation – the easy way' on Youtube. Have a go at creating a picture of your own. Remember you can use whatever materials are available to you at home.
5. **Outdoors:** Look for tiling patterns outdoors. Are they natural or man made? Can you recreate the tiling patterns you see?

Extra:

Research the artist Maurits Cornelis Escher. He is famous for creating art using tiling and tessellation.

