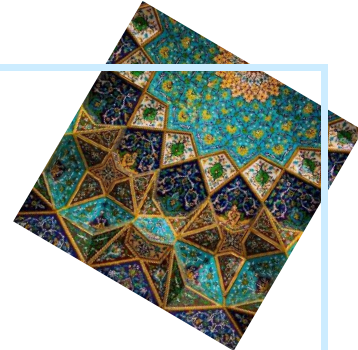
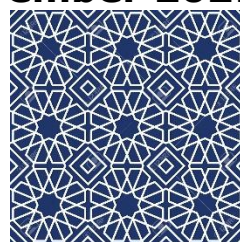
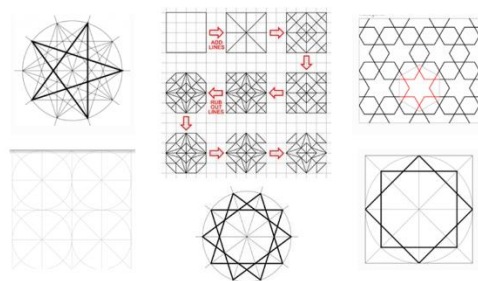
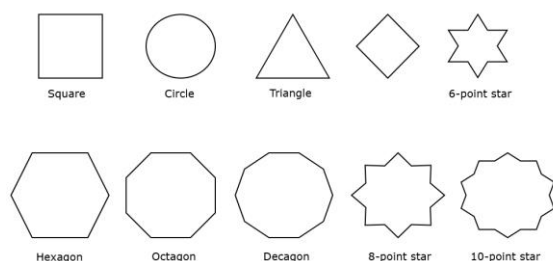


Maths Reasoning Morning – Friday 5th November 2021



For maths reasoning morning, Carpenters Class explored Islamic geometric patterns. We looked at many examples and considered some of the similarities and differences within the pictures which led us onto recognising the typical features of this type of art. We found that each piece would always follow a pattern or sequence, used 2D shapes and similar colours such as blues, yellows and oranges. As a class, we shared which pieces we liked and disliked. This discussion helped the class reflect on what they could include when designing and creating their own Islamic geometric pattern.



We discussed the shapes that we could see used in the patterns and we recapped the properties of 2D shapes. Then we looked at how artists create Islamic geometric patterns. We saw how complex they can be and how precise artists must be when creating shapes to form their pattern. We considered how the patterns feature layers of different shapes to make them look very detailed.



Finally, the class moved onto creating their own Islamic geometric patterns considering the features we had discussed. The children were given a template for their pattern and were able to use cardboard templates, objects (such as glue sticks) and equipment (such as compasses) to draw their own shapes. Once the children had designed their pattern in pencil, they used colours like the ones mentioned previously to finish their pattern.

