How to create a tessellation from a square

1. Start with a perfect square. You can either start with a piece of origami paper or measure out a square with all 90 degree angles and equal sides.

![Image of a square]

2. Next draw a non-overlapping line from corner to the next adjacent corner. Once drawn cut out and do not throw away.

![Image of a square with a line drawn and cut out]

3. Rotate the chunk 270 degrees counterclockwise. Slide it into position so that it connects with the rest of the square tape in place.

![Image of a square with a rotated chunk]

4. Repeat steps 2 and 3 for the opposite side. You now have your main piece.

![Images of a square with two rotated chunks]

5. Now place your piece on a piece of paper and begin tracing. One you have traced as many as will fit on the paper, color and you are done!

![Image of tessellated squares]