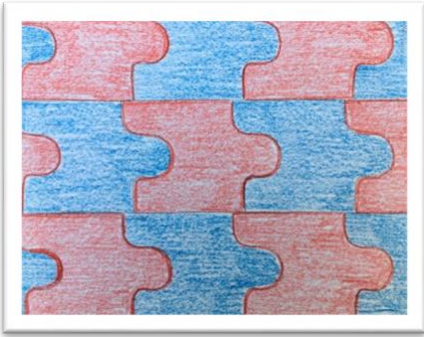


# Tessellations: Draw and Color



*Tessellations are an arrangement of shapes closely fitted together, especially of polygons in a repeated pattern without gaps or overlapping. -Oxford Dictionary*

Tessellations can be found in nature ([honeycombs](#)), art ([M. C. Escher](#)), and even quilts! Regular tessellations can be made from triangles, squares, and pentagons. This activity uses a square as the basis of creating your own tessellation.

## Supplies:

- A piece of cardstock
- A piece of white paper
- A pencil
- Tape
- A pair of scissors
- Colored pencils or crayons

## Directions:

1. Cut a square out of cardstock. Here, we used a 3 x 3-inch square cut out of cardstock.
2. Draw and cut a shape out of one side of the square.



3. Place the cut piece on the side opposite of where the shape was removed. Use tape to attach the cut piece back onto the square.



4. Use the newly-created shape as a template to create a tessellation. Trace the shape repeatedly onto a piece of paper, taking care not to leave spaces between each shape.
5. Color alternating shapes to create an interesting design.

