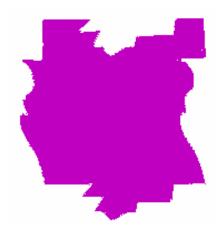
Tessellations

Math 3403 - Sections 2 and 3

Scanned copies of some of the tessellations projects created by students in Math 3403 - Geometric Structures - are reproduced in this document. Please enjoy!

Shawnna Brown

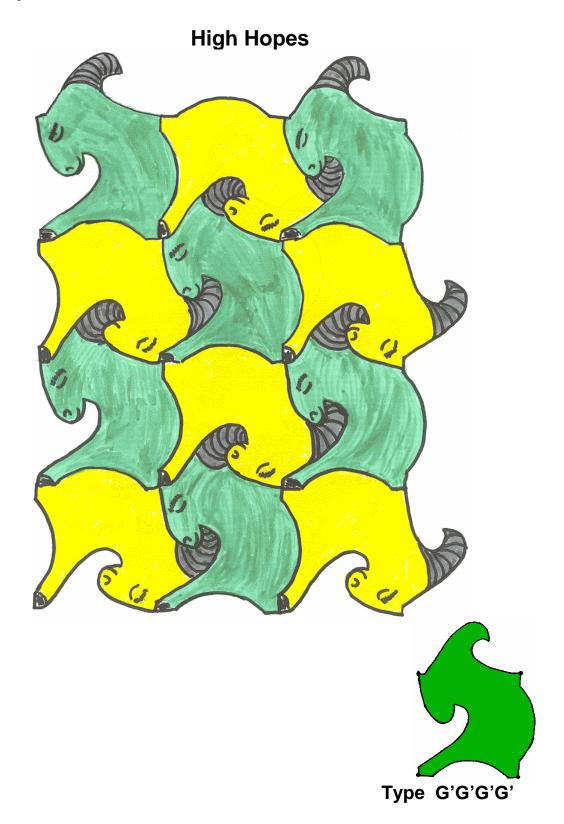




Type TTTT Tessellation

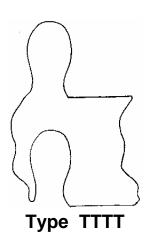
- 1.) Cut out a square from the model in the worksheet.
- 2.) To make a Type TTTT tessellation, cut out a design on the right on place it on the opposite side and tape it down at same place
- 3.) On the top side cut out another design and tape it to the top side at the same place.
- 4.) place the tessellation in the middle of the page and trace it.
- 5.) Next, repeat the pattern by placing it inside of the cut out portion until it matches up and trace it. (It is kind-of like a puzzle).
- 6.) Repeat this design until desired number is acquired.
- 7.) Design inside the tesselation as I did creating a different design in each box.

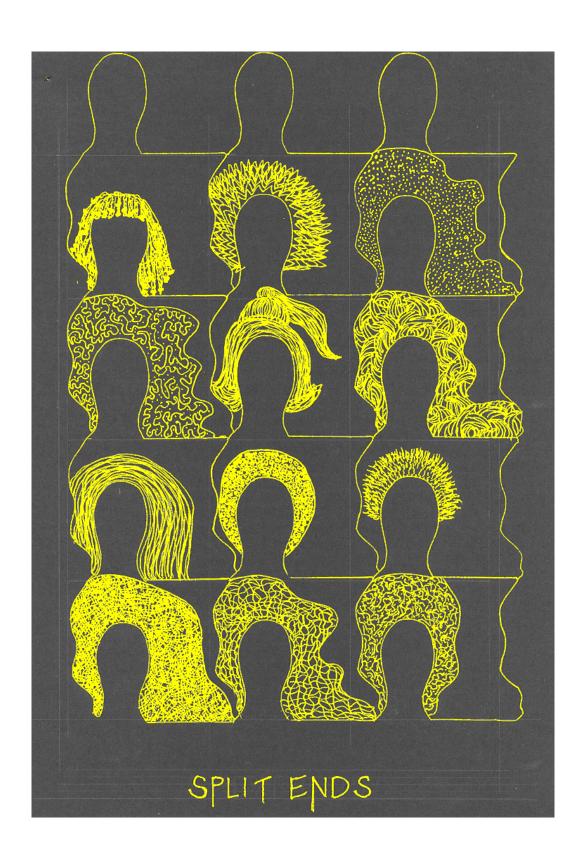
Carolyn Marshall



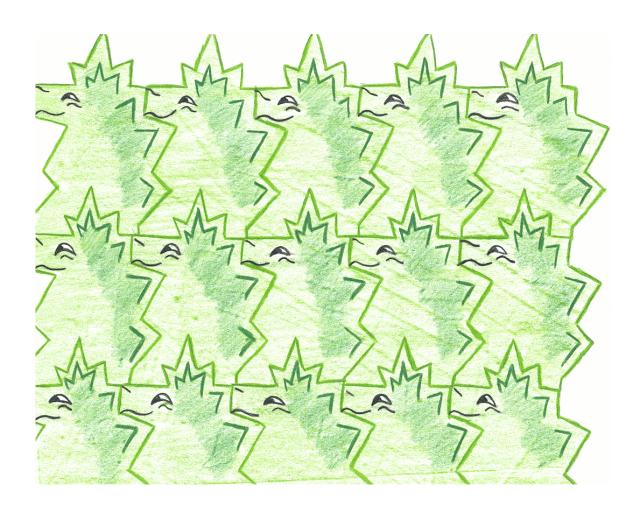
Kelly Orta

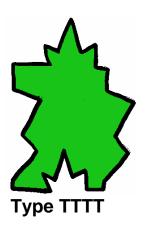
lengthy design consultation was conducted with the King and Queen of the Geometry Palace and it found that the clients were interested in a tile constructed of onyx and gold inlay. The Queen was particularly interested in a tile design that would inspire her choice of hair dressing for the day. A detailed inspection of the Queen's wig collection was conducted and the styles were sketched. The resulting tile is one that reflects the requested materials and the satisfies the Queen's needs as well. Skilled artisans will be recruited to produce the custom tile installation......



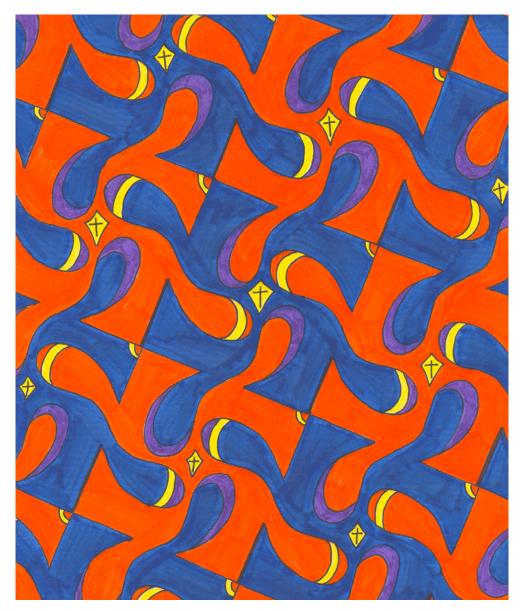


Emily Taylor

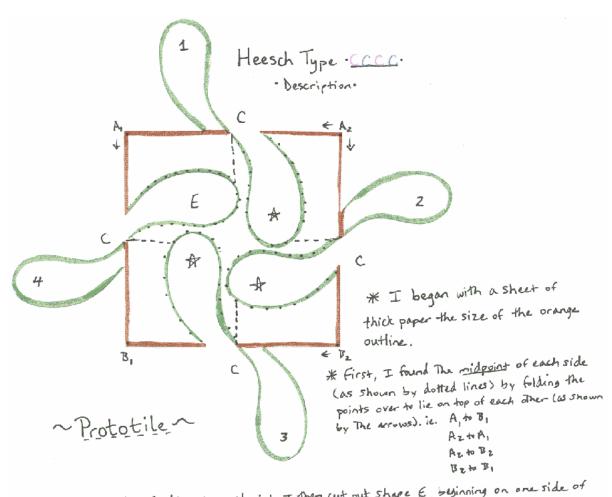




Keri Ann Jenkins







* After finding the midpoint, I then cut out shape E, beginning on one side of the midpoint. I used it to make the other 3 shapes That have stars.

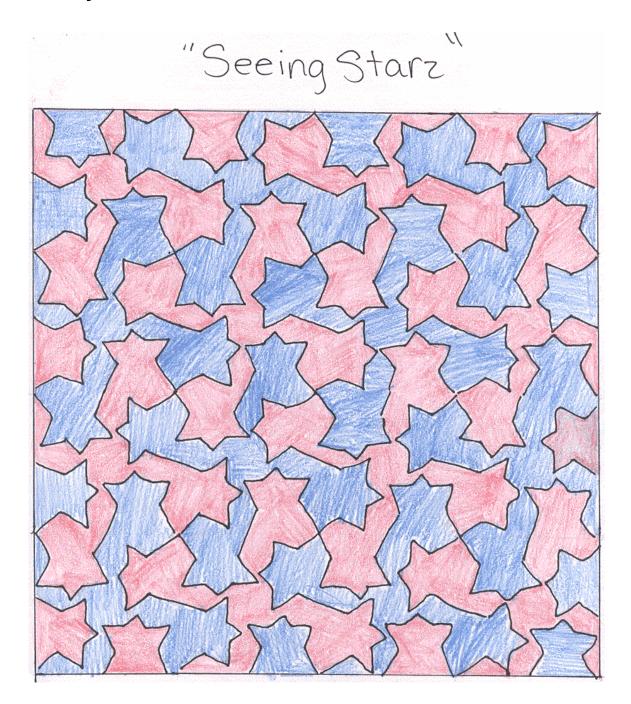
* I then rotated & around The midpoint, positioning it as number 4.

I did The same with The other Three shapes I cut out.

* Itaged Them to my square and used it as my prototile.

Hint: Before I even tried This on Thick paper, I tried it on a scratch sheet of Thin paper to see if it would work.

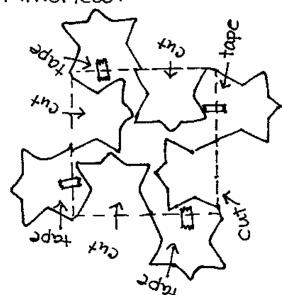
Stacey Hill



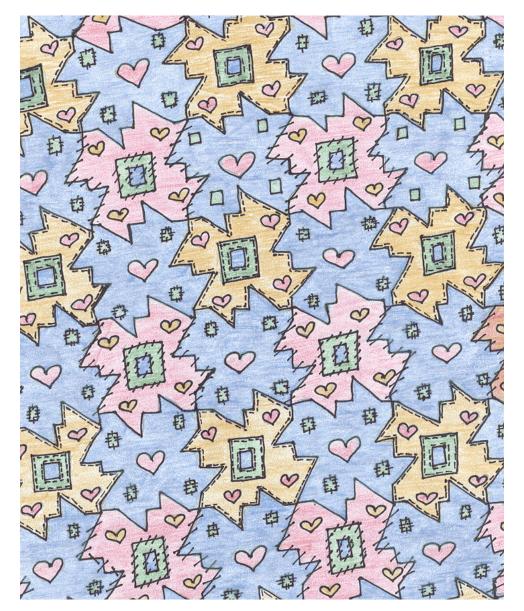
Type C₄ C₄ C₄ C₄

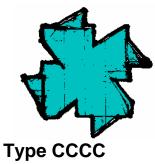
"Seeing Starz"

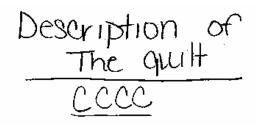
My protile is a type CCCC. I first cut out a 2"x2" square using heavy paper. Next, I drew a star on the edge of one side then I taped it on the same side along the area that had not been cut. I repeated this all the way around. I chose red and blue to color them because stars represent America.



Beth Teague

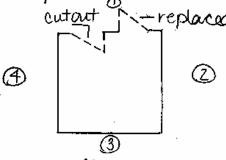






To make the piece:

- 1. Start with a square piece of any size. (1 started with 31/2 cm²)
- 2 Cut out a son one side
- 3. rotate this a around to the outside of the square,



- 4. do this to all 4 sides
- 5. When making the tessellation you rotate the figure to join each figure together.
- 6 decorate as you Pleaso! (5)
 Have fun

Beth Teague

