

Your Turn to Tessel

Directions for creating a translation-based tessellation

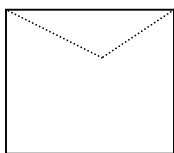
Materials needed

3 x 3 notecard
tape
scissors
pencil
white paper
Instruction sheet
Rubric for Tessellation Project

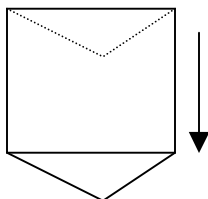
Instructions

Follow the steps described here to create the framework for your own translation-based tessellation. Today you will create the fundamental region, or basic shape for the tessellation, and if time, trace that shape onto your background paper. Your assignment tonight will be to add color and creativity to this outline. This project is worth 25 points, as explained by the rubric.

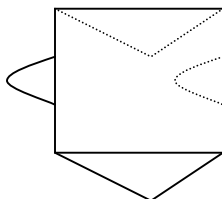
- 1) Draw and cut out some shape from the top, but be careful not to cut off a corner.



- 2) Translate the cut-out piece downward, but do not turn it over. Tape it to the bottom.



- 3) Repeat this process with the right and left sides (you can cut out a different shape this time).



- 4) You have now created the fundamental region for your tessellation. Take that shape and create your tessellation by tracing it on your piece of white paper. It often works best to start in the middle of the paper. Trace it once, and then move the shape to “lock in” with the first tracing, and repeat.
- 5) Tonight at home at some creativity to your project, following the rubric. Have fun!