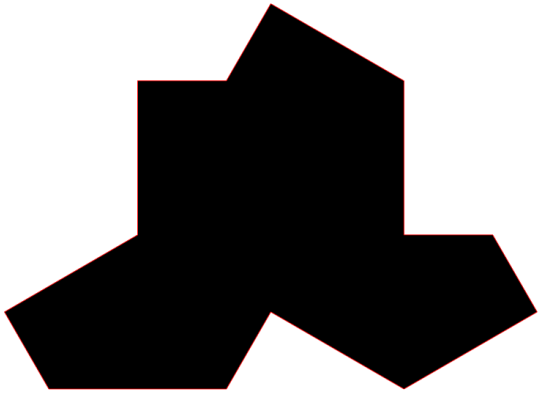
Einstein shape tessellation project
Make 1 and Make 2
Due today, Monday April 1, 2024 (to get full credit, you must send a draft to the laser email today if you were in class today.)

Recently someone discovered a unique shape that can tessellate on a plane without repeating itself, leaving no gaps. The shape is called an "Einstein". Here is one:



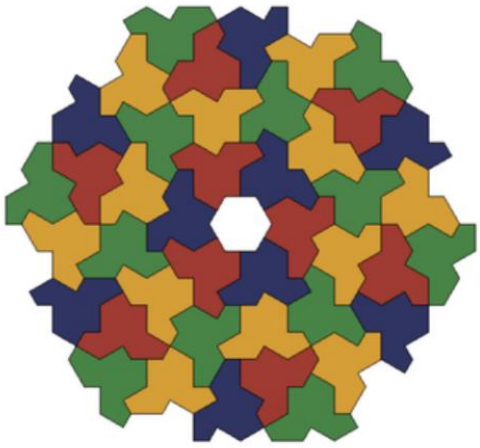
There was an article in the Scientific American magazine about it recently if you're interested in reading about it:

https://www.scientificamerican.com/article/newfound-mathematical-einstein-shape-creates-a-never-repeating-pattern/

The image to the right is an example of a bunch of these things put together like tiles or a puzzle. See how they don't follow a set pattern in how they fit together? That is one of the strange properties of this shape. Very unusual.

Your task:

Get the starter file I sent you (also attached to this assignment on the Google Classroom.) Do not change its size. Decorate it with text and images that are all black. You may use fill, but everything must be vector (that means you must do Trace>Bitmap on non-vector images). Put your first name or first and last names on it.



Email it to the laser cutter at laser.makerlab@wscuhsd.org

Turn in your file on the Google Classroom.

Then we'll assemble them all in a huge hexagonal shape as shown in the image to the right.