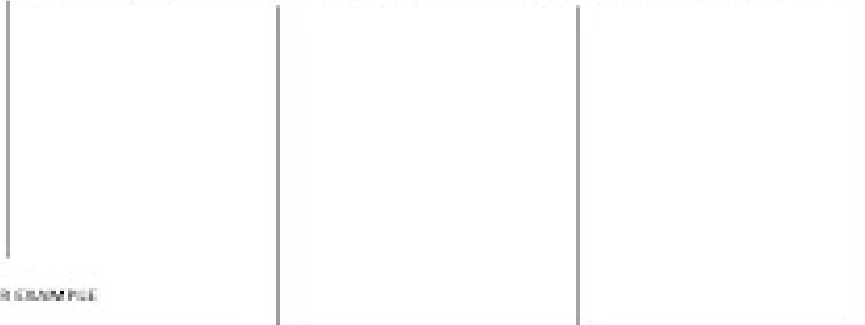


## Tessellations

**DEFINITION:** A tessellation is a pattern that consists of a series of interlocking shapes. There can only be 1 shape used and there cannot be ANY gaps between the used repetitive shapes.

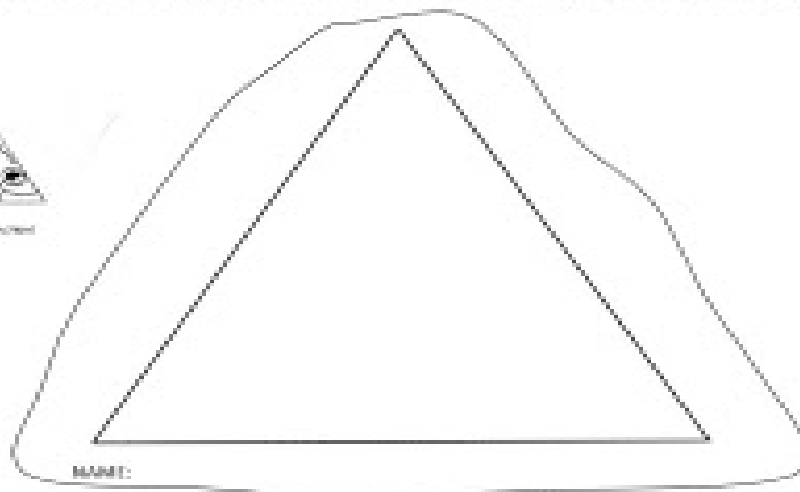
**PROJECT:** You are going to create a tessellation using equilateral triangles. To do this, each of the images you use must be symmetrical. Follow these steps to begin your own tessellation.

**STEP 1:** Using each line below as a line of symmetry, draw a silly face with a neck and shoulders. This face can be a monster, a person, an alien, etc. Be sure to add extras like hair, accessories, patterns and personality!



TEACHER EXAMPLE

**STEP 2:** Use each side of the equilateral triangle below as a line of symmetry. Assign each of your faces one side of the triangle. Draw one half of each face to one side of the triangle. Remember to put your name outside your triangle!



**STEP 3:** Cut around the triangle (on the line shown) and hand it to your teacher.