

## Project Make Class Creation

### Make 1 and Make 2

Due: 4th period: Tuesday 11/16

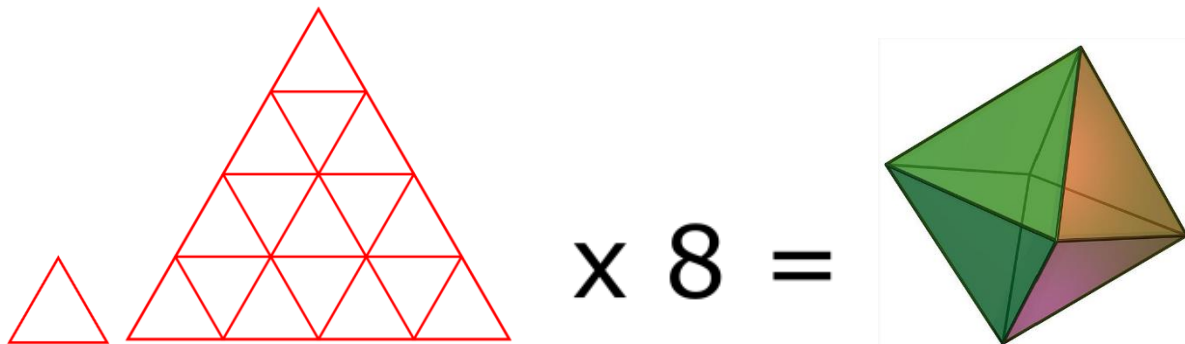
5th period: Wednesday 11/17

You may have noticed one or more of our all-class creations from previous years around the lab:



This year we're going to make a rotating octahedron (picture two square pyramids connected at their bases on a rotating pole) with pieces made by all students in all four Project Make classes.

Each person will make a triangular wood piece that fits into the overall model. Each face of the larger octahedron holds 16 smaller triangles, and 8 faces make the full object, giving us enough real estate for every student and teacher and TA to be part of the final creation:



Open the starter file "class creation starter file.svg", do a Save as... with your name in the title, and then decorate your triangle with your first name and one or more fun images that represent you and your personality. What you put on here will be a lasting mark you leave in the Maker Lab for years to come, so have fun with it, be creative, and yes, please keep it school appropriate.

Do not change the size of the starter file triangle (it is an equilateral triangle with a base of 4 inches.) Please **do** fill the triangle with fun things! Everything you want to engrave or include needs to fit inside the triangle. The triangle border must remain red (255) with .1 mm stroke width (that is how it is set in the starter file.) Any other vector paths must be black. Images may be color or grayscale or black and white.

When done, turn the file in on the Google Classroom and email it to the laser cutter. We'll cut it out and prepare to build the one and only future rotating octahedron!