



STANWOOD HIGH SCHOOL

Engineering Design 1

PROJECT NAME: Jared's Cube

Student Learning Target:

I will be able to demonstrate and apply the design process.

I will be able to use dimensions and basic 2D Rhino Skills to create parts to be cut on the laser engraver.

I will be able to create parts that fit together accurately.

Design Statement/ Parameters:

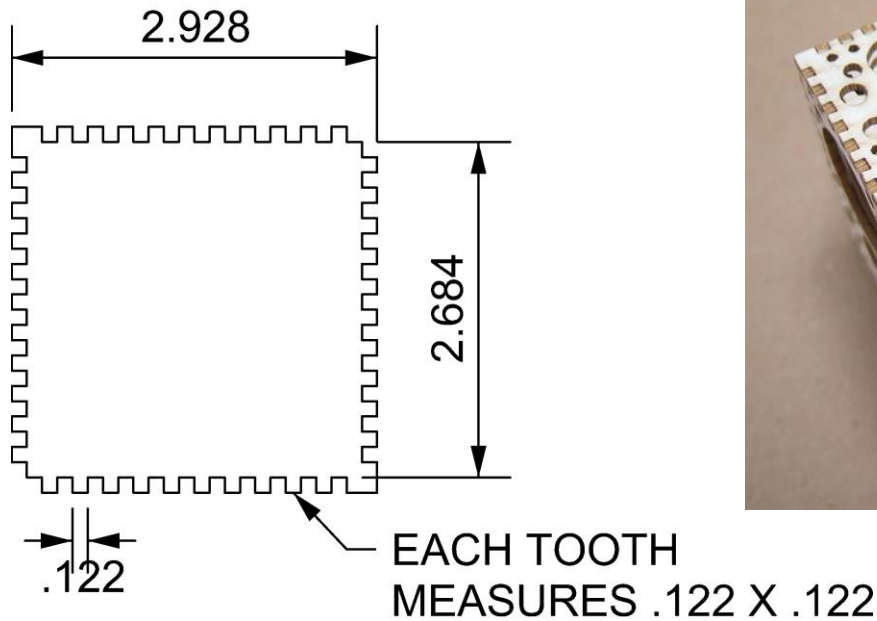
- Use the drawing below to draw the first side of your cube in the TOP view in Rhino. USE SMALL OBJECT INCHES
- Create a Geometric pattern inside the piece you drew.
- Create 6 Copies of your piece in Rhino
- Make another one that is .244" smaller with the same size teeth
- Extrude your design, and assemble the model.
- Cut out on laser.
- Assemble your project

Finished Product: The following items must be turned in to earn credit

Portfolio Entry with:

Fully Rendered Rhino Model

Picture of Finished Model



Connections:

Math:

Art:

