



Consumables Wish List

The Plattsmouth Public Library is looking for materials that can be used FOR FREE with the Innovation Studios equipment. If you can donate any of these materials to the library, please contact the library at 402-296-4154 before bringing them.

Wood/Plastic/Acrylic/Anodized aluminum/Coated Metal

The CNC Router cannot accommodate pieces larger than 8 x 12" so wood for that purpose should be precut to this size or less. The Laser Cutter can handle 12 x 16" but cannot cut anything thicker than 1/4 inch thick. Some woods are better than others but most can be used for one project or another. See below.

NOTE: Do not accept any wood that might have a nail in it—it could break the bit.

FOR CNC ROUTER:

Maximum Length: 12"
 Maximum Width: 8"
 Maximum Thickness: 2.75"

FOR LASER CUTTER:

Maximum Length: 16"
 Maximum Width: 12"
 Maximum Thickness for engraving: 4"
 Maximum Cutting thickness 1/4"

No Warpage

No Nails










Clean & Dry

Glassware for Etching

Bottles, Jars, Carafes, Glasses, Wine Glasses, Vases (using Laser's Rotary Fixture)

Minimum Diameter: 1 inch
 Maximum Diameter: 5.5 inches
 Maximum Height: 9.5 inches
 Minimum Height: 1 inch

Note: At the location that you will be etching should be nearly straight up and down rather than angled. See the samples below. Fruit jars that have writing on one side is fine as you can etch in the other side.

The first row of glassware works because the sides where you would etch are vertical.				
				
Issues with the glassware in the row below—some are too angled to etch properly—the square one will not etch using the rotary unit—but if the sides are vertical when laid on its side you might be able to etch it lying on the flat bed.				
Those that would not etch properly in the Rotary Fixture:				
Glassware with flat vertical sides can be etched if they are not taller than 4 inches when laid on their sides:				
