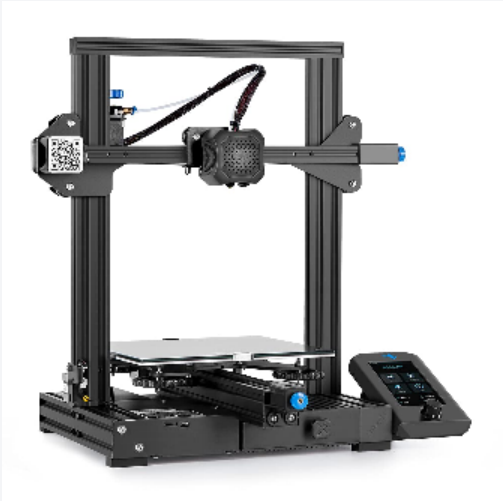


3D Printers @ MS-P

We have both FDM (plastic filament based) printers and SLA (liquid resin based) printers at Purcellville.

We currently have four 3D printers in the main room in MS-P. They each have their own method for printing.

FDM Printers

		
Ender3 v2	FLSUN QQ-S Pro	FLSUN Q5
		
Longer LK5	Elegoo Neptune 3	

Printer	Bed Size	Height	Filament	Print Method	Slicer
Ender-3 v2	220 x 220	250	PLA	OctoPrint	Cura
FLSUN QQ-S Pro	255	360	PLA	Micro SD	Cura
FLSun Q5	200	200	PLA	Micro SD	Cura
LulzBot TAZ Pro	280 x 280	285	PLA, ABS	USB	Cura for Lulzbot
Longer LK5	300 x 300	400		OctoPrint	Cura
Elegoo Neptune 3	220 x 220	280		OctoPrint	Cura

SLA Printers



Anycubic Photon Mono X

Printer	Bed Size	Height	Exposure Time	Speed	Slicer
Anycubic Mono X 4K	192mm x 120mm	245mm	0.8-2sec	60mm/hr	Photon Workshop, Chitubox, Lychee

Wash and Cure

We also now have a Wash and Cure station for the Resin printer.

This allows you to place your resin model in the wash tub with alcohol, seal the tub and place it on the station. You can set a timer and it will automatically agitate the alcohol and stop at the set time. Once you are done cleaning it, you can place it on the turntable, set the timer and the UV lights will cure your model while spinning it to get all sides.

Do not dump used alcohol down the drain.