Mammoth Lakes Library
Makerspace 3D Printing

3D Printing

Important Information:

- Free 3D models can be found online for printing. The model must be in .stl file format.

- You may design you own model and save as a .stl file format for printing.

- You may choose to be shown how to use the 3D printer or choose for staff to print your model.

- Patrons who have not printed with the 3D printer will have priority over a patron who has already printed.

- Patrons are limited to 1 print per month. Some exceptions are allowed.

- Print jobs vary in time; some print jobs may take as little as 10 minutes, while other may take several hours. Print jobs over 2 hours are not permitted.

- You may choose the color of filament for your print job.

- Makerspace computers are for creating or researching Makerspace projects ONLY!

- No food or drink will be allowed in the Makerspace

Cost:
- There is no cost to print 3D models.

Printers:
- Afinia H480
- SeeMeCNC Rostock MAX v3

Filament:
- The library provides 1.75mm ABS and PLA filament.

- We have numerous colors of filament to choose for printing, including glow in the dark, purple, brown, primary colors and more.

Hours:
Tuesday	2:00 pm-6:00 pm
Wednesday	2:00 pm-6:00 pm
Thursday	2:00 am-6:00 pm
Friday	10:00 am-12:00 pm Adults Only

Hours are subject to change with little or no notice. The library reserves the right to refuse service to any patron causing a disturbance or for improper use of equipment.

Free-Downloadable Software for Beginner 3D Designing:

- 3D Slash - www.3dslash.net
- TinkerCAD – www.tinkercad.com

Free-Downloadable Software for Intermediate and Experienced 3D Designing:
- Blender – www.blender.org
- Free Cad - www.freecadweb.org
- OpenSCAD – www.openscad.org
- Mesh Lab – www.meshlab.net
- Scupltris – www.pixologic.com/sculptris
- Sketchup – www.sketchup.com

Free-Downloadable 3D models to print:
Pinshape – www.pinshape.com
Thingiverse – www.thingiverse.com
Cults3d – www.cults3d.com
My Mini Factory - www.myminifactory.com
You Magine - www.youmagine.com