

3D Printer (Lulzbot Taz 6)

You Design It, We Print It!

- The Family History & Learning Center can print STL files, with a maximum build size of 11" x 11" x 9.8" (280mm x 280mm x250mm).
- Email the Family History & Learning Center staff at makerspace@mcdl.info with...
 - Your STL file (as an attachment or a Dropbox, One Drive, or Google Drive link)
 - Your choice of filament color (see options below)
- When we receive your print job, you will be invoiced through PayPal. Material fees are 10 cents per gram.
- After receiving your payment, we will print your job.
- When your project is complete, we will e-mail you for pickup.
- Plan accordingly! Print jobs are processed in the order received/paid. Turnaround time is generally 1 to 2 weeks.
- Please note: We will not fabricate designs that could be used as weapons.
- **For complex print projects please call (330-725-0588 x5017) or email (makerspace@mcdl.info) to schedule an appointment for consultation.**

Available Filament Colors:

- All filament is PLA. Choose from Orange, Purple, Yellow, Green, Blue, Red, Brown, Grey, Translucent, Black. Glow in the Dark (Green) and White.



Design Resources:

- If you don't have the time or expertise to create your own 3D file there are websites where 3D files are shared for free.
 - Search online for "free 3D print files."
 - Visit <https://www.thingiverse.com/> or <https://www.myminifactory.com/> and browse thousands of free 3D files to download and print.
- If you want to create your own design, the following are free resources for creating your own 3D design from your home computer:
 - Sketchup, TinkerCAD, 3D Slash, Fusion 360, FreeCAD, Onshape, MakePrintable, Meshlab, Meshmixer, and MatterControl.
- For help learning 3D software, visit <https://www.lynda.com/portal/sip?org=mcdl.info>. This is a powerful online learning site is available for free with your MCDL library card.

