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 receive a cost estimate in return based on the weight of your file. Material fees are 10 cents per gram.
- When your print is complete, we will e-mail you for pickup and email an invoice through PayPal.
- 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 330-722-2681 to schedule an appointment for consultation.**

Available PLA Filament Colors:

Color		Neutral	Metallic	Specialty
Blue	Pink	Black	Bronze	Blue/Green
Brown	Purple	Grey	Gold	Gold/Purple
Green	Red	White	Silver	Glow in the Dark
Orange	Yellow	Tan		Translucent

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.
- Blender is available at the library with an appointment.
- For help learning 3D software, visit https://mcdl.info/OnlineLearning and visit **LinkedIn Learning**. This powerful online learning site includes 20+ classes on 3D printing and is available for free with your MCDL library card.

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