

Library 3D printing Conditions of Use

1. Service Overview

- The library offers a staff-managed 3D printing service.
 - Patrons submit digital 3D models, and trained library staff review, prepare, schedule and print.
 - Printing is available for non-commercial, personal, educational, or creative projects.
-

2. File Submission

- Accepted file formats: STL and 3MF.
 - Recommended website Makerworld.com
 - File size: less than 30 MB
 - Files must be submitted to the designated email address via the library website.
 - Patrons need to provide:
 - Library borrower number
 - Name and contact details
 - Email address
 - File
 - Desired size or dimensions
 - Preferred colours choose from black, white, green, blue, yellow or grey. (Please note colour choice cannot be guaranteed).
 - Brief project description (optional, but helps staff assist)
-

3. Print Review & Approval

Library staff will review submitted files for:

- Printability (e.g., structural support, overhangs, excessive detail)
- File size and print time reasonableness
- Compliance with library policies

Staff may:

- Suggest resizing or edits
- Decline a print that is not feasible or violates policy

- Split large models into multiple parts if needed
-

4. Costs and Timeframes

Cost:

- \$4.50 for the first hour of printing
- \$2.00 for each subsequent hour
- Maximum time for print 9 hours
- \$20 maximum charge
- Payment is required before the print is collected.
- Timeframe: Most prints are completed within 7 days, depending on:
 - Print queue length
 - Size and complexity
 - Machine reliability and maintenance schedules

The library does not guarantee exact completion times.

5. Print Quality & Limitations

- 3D printing produces visible layer lines and may include minor surface imperfections.
- Staff will do their best to achieve a good result, but:
 - Prints cannot be fully smoothed or polished
 - Very fine detail may not be possible
 - Colour options may be limited to available filament

The library does not provide design services or post-processing (e.g., support removal, sanding, painting, gluing).

6. Failed Prints

Because 3D printing is unpredictable:

- If a print fails due to machine error, the library will reprint it at no cost when possible.
- If a print fails due to model design issues, the patron may be asked to revise the file or pay for additional attempts.
- Reprints are limited to two per submitted job.
- Staff will communicate next steps clearly.

7. Restrictions

To keep the service safe and community-friendly, the library will not print:

- Weapons or weapon-like items.
- Items intended for harm, evasion, or illegal activity.
- Anything that causes concerns for the physical or online safety of a child or young person will be reported in line with child safety and legal reporting obligations.
- Adult or inappropriate objects.
- Items that infringe copyright, trademarks, or intellectual property (Patrons must own the rights to the design or use open-source files)

The library reserves the right to decline any print request at staff discretion.

8. Collection of Prints

- Patrons will be notified when their print is ready.
 - Prints must be collected within 20 days.
 - Uncollected prints may be recycled or used for library display/training.
-

9. Liability

- The library is not responsible for:
 - Functional performance of the printed item
 - Damage caused by patron-designed models
 - Use or misuse of printed objects

Patrons assume all responsibility for how they use their printed items.

10. Privacy & Data

- Submitted files will only be used for printing the requested item.
- Files will be deleted after the job is complete.