

Clayton Library 3D Printing

3D printing is available, and free of charge, thanks to the Clayton Community Library Foundation.

Rules of Use

- 1) The 3D printer may only be used for lawful purposes. You may not create objects that are:
 - a) Prohibited by local, state, or federal law.
 - b) Unsafe, harmful, dangerous, or poses an immediate threat to the well-being of others.
 - c) Obscene or otherwise inappropriate for a public library environment.
 - d) In violation of another's intellectual property rights (copyright, patent, or trademark protection).
- 2) The library reserves the right to refuse any 3D print request.
- 3) Only designated library staff and volunteers will have hands-on access to the 3D printer.

Limitations

- One print job a week per individual.
- Maximum print time: 5 hours.
- Maximum print size: 9 x 8 x 8 inches.
- The library cannot edit your design or notify you of print start time.

Note: Printed objects are not safe to put in your mouth or use for food preparation.

Process for submitting a design for printing

- 1) Create a 3D design or select one from an online source like (i.e. Printables.com, Thingiverse.com, etc.)
- 2) Save the design as an STL file.
- 3) Fill out and submit an online form at: [Clayton Library 3D Printing Design Submission](#)
- 4) Upload your STL file to our secure Dropbox.

Staff will take it from there. We will email you if we have questions and when it is ready to pick up.

FAQ

Q. Will the library teach me 3D design?

A. Currently, library staff are unable to assist you in creating 3D models. However, if you would like to learn on your own there are several free online tutorials, videos, and software options available online at Printables.com, Thingiverse.com or other similar sites.

Q. What kind of filament do you use?

A. We currently use PLA filament.

Q. What are the print color options?

A. Current filament colors vary. You can find them listed on the submission form or view samples at the library.

Q. Can my print job be done in multiple colors?

A. No, the library can only print in a single color.

Q. What if my file is too large to email? Can I bring it on my own SD card?

A. No, all files must be uploaded to our Dropbox. You can try zipping the file. Most computers have this function built in.

Q. What happens if the print fails?

A. Library staff will retry the print job to determine if it is a printer error. If it fails a second time, we will contact you for editing and resubmission.

Q. Can I print multiple items in one file?

A. Multiple items are allowed if the print job meets the limitations mentioned above.

Q. When will my print job be ready?

A. Most print jobs are completed within a week. We will email you when it is ready and you will have one week to pick up the item.

Q. Do you need a library card to submit a print request?

A. No, the 3D printer is for everyone!