

The Chillicothe Public Library has a 3D printer available so that Staff at the library may print patrons' three-dimensional objects in plastic using a design that is uploaded from a digital computer file. The Chillicothe Public Library's 3D printer project designs are primarily created using Computer Assisted Drawing (CAD) software. Creating a new design requires an advanced knowledge of 3D modeling software products. Video tutorials that accompany CAD programs are available on-line. Digital designs are also available from various file-sharing databases such as Thingiverse.com. Any 3D drafting software may be used to create a design as long as the file is saved in .stl file format.

Patrons with 3D printer projects shall bring their file in the appropriate format to the front desk during operating hours. All projects need to be 8 hours or less. Library staff will view all files in XYZWare before adding the project to the printing queue. If the 3D printer is in high demand, library staff will schedule only one print project per day per person or entity.

Rules of Use

The 3D printer may be used for lawful purposes only. Patrons will be restricted from creating projects that are:

- prohibited by local, state or federal law
- Unsafe, harmful, dangerous or pose an immediate threat to the well-being of others
- Obscene or otherwise inappropriate for the library environment
- In violation of another's intellectual property rights. For example, the printers will not be used to reproduce material that is subject to copyright, patent or trademark protection

The Chillicothe Public Library reserves the right to refuse any 3D print request.

- The cost for 3D printing projects is \$1.00/hour (rounded to the nearest dollar) and prepayment is required.
- Completed projects that are not picked up within 7 days will become the property of the Library. Items must be picked up by the individual who ordered the print.
- The Chillicothe Public Library is not responsible for difference in the final outcome of the printed files and the original file as they may differ due to filaments, colors and other conditions out of the Library's control.
- The Library is not responsible for any clean-up of the final printed file.
- Only designated library staff and volunteers will operate the 3D printer