



## 3D Printing Policy

Brimfield Public Library has two 3D printers: a LulzBot mini and a LulzBot Taz5, available to print patrons' three-dimensional designs.

### How much does it cost?

The cost of printing an object depends on the type of filament used.

Type of Filament	Cost
PLA	\$1.00/hour
NinjaFlex	\$2.00/hour
woodFill	\$2.00/hour
copperFill	\$3.00/hour

### What can be printed?

The possibilities are vast! You may create your own objects to print using Computer Assisted Drawing (CAD) software like Tinkercad, SketchUp, Blender, and Mineways, or you may download digital designs from file-sharing databases like Thingiverse, Cubehero, or Yeggi.

Prints can be made using PLA, a bioplastic made of corn, Ninjaflex, a soft, elastic filament, woodFill, a combination of PLA and recycled copper, or copperFill, a combination of PLA and finely ground copper. Filament availability may vary.

### What cannot be printed?

Due to limited resources, we cannot print any job that will take over eight hours. If you have something that you'd like to print that will take longer than that, we are happy to help you try to figure out how to break up your model into smaller jobs, scale your print, or help you find a larger 3D printing service.

Additionally, the 3D printer may only be used for lawful purposes. Patrons may not print objects that are subject to copyright, patent, or trademark protection. Patrons may also not print objects that are obscene, inappropriate for the library environment, unsafe, or threatening to the well-being of others. The Brimfield Public Library reserves the right to refuse any 3D print request.

### Who can operate the printer?

Only library staff and trained volunteers will have hands-on access to the printer.

### How to get your object printed:

1. Create a file



- a. You can download an object from a site like Thingiverse, Cubehero, or Yeggi, or use modeling software like Tinkercad, SketchUp, Blender, or Mineways to make your own designs.
  - b. Make sure your file is saved as an .stl file.
  - c. Please note that the library will print your file as is. If you need help adjusting your design so that it will print, ask us before submitting your request.
2. Submit a print request
    - a. Bring your file in the appropriate format to the front desk during library operating hours and fill out a print request form. Our staff will view the file in CURA to make sure the file is ready to be printed and can be printed within the time limit before adding it to the print queue.
    - b. If the printer is in high demand, library staff will schedule only one print project per day per person or entity.
    - c. If you designed your own object or made changes to a download, be sure to save a copy of your file. The file you submit to us will be deleted upon being printed.
3. Collect your print
    - a. You will be notified when your print is complete, and you will have seven days to collect your print. Items must be picked up by the patron who ordered and paid for the print.
    - b. Please note that complete does not always mean successful. The Brimfield Public Library is not responsible for correcting design flaws, differences in the printed object from the original file, or clean-up of printed objects.

Approved at the regular Trustee meeting on March 7, 2016