3D Printer

Jericho Town Library makes a 3D printer available for use by the public to support constantly evolving technology needs of the community. The 3D printer creates three-dimensional plastic objects by extruding PLA filament using designs that are uploaded from a digital computer file.

The 3D printer may be used only for lawful purposes. Members of the public will not be permitted to use the 3D printer to create material that is:
- Prohibited by local, state, or federal law;
- Unsafe, harmful, dangerous or poses an immediate threat to the well-being of others;
- A weapon or a replica of a weapon;
- Obscene or otherwise inappropriate for the library environment; or
- In violation of another's intellectual property rights. For example, the printer will not be used to reproduce material that is subject to copyright, patent, or trademark protection.

All Homecard patrons whose account is in good standing can submit a design to be printed. While children are allowed (and encouraged!) to use the 3D printer, the library advises that parents and guardians work with their children while they are designing a project or searching for designs online to ensure that their designs do not violate the restrictions listed above.

Print jobs are subject to the approval of library staff and the library reserves the right to refuse any request. All designs will be submitted to the library in .STL format via shared Google Drive folder, Tinkercad classroom, or USB drive and reviewed before they are printed. If a request is refused, library staff will provide written notice of the reasons for refusal.

Printing is available on a first-come, first-served basis. Patrons cannot submit more than one file at a time, and may submit no more than one file every week. The printer will only print an object in a single color: users may request a certain color, and library staff will do their best to meet these preferences, but the library will ultimately determine the filament color based on availability. The printer's maximum build volume is 10" x 6" x 6.7". Designs over this size will be refused and the patron will have the opportunity to scale down their project.

Use of the 3D printer is completely free for all children under the age of 18 (or 18-year-olds still in high school). Adult patrons will pay the library for the cost of the filament used in their print job: $0.20/gram of filament. A cost estimate created by the Dremel slicer program will be provided for the user to approve and pay before printing begins. Refunds will not be issued for failed or incomplete jobs.

While staff will do their best to ensure quality print jobs, failed prints happen for various reasons and the library cannot guarantee that submitted files will print the way patrons intended. If a print job fails within the first 15 minutes, staff will try again; if it fails a second time, the job will be canceled and the patron notified. Because the printer needs to be monitored for possible failure, designs will only be printed during the library's open hours and no design with an estimated print time of over five hours will be accepted.

Supervision of the use of the 3D printer by library staff does not constitute knowledge, or acknowledgement, of any unapparent final use of the 3D product and the library specifically disclaims any knowledge thereof. Any individual using the library's 3D printer agrees to assume all responsibility for, and shall hold the library harmless in, all matters related to the individual's use of the 3D printer, including but not limited to violations of copyright, patent, and/or trademark law.

Jericho Town Library is not liable for the functional failure or of injuries or property damage caused by objects or materials made through the use of the 3D printer. The library strongly recommends that individuals not use the 3D printer to make things that could prove harmful, or that would result in significant cost to the user if they fail.