

Policy on 3D Printing at Ringwood Public Library (RPL) (to see full Policy, refer to RPL's Policy Handbook.)

- 3D Printing is available to all PALSPLUS consortium card holders, but priority is given to Ringwood Library Card holders.
- The printer is operated by staff only or supervised by staff during staff sponsored programming.
- The patron must provide a .STL or .OBJ file on a USB memory drive or Micro SD card. A new GCode file will be generated by RPL's slicing software and will be provided to the patron on their memory device. The memory device will be returned, but RPL may retain a copy of the original and GCode files.
- Objects must be appropriate for the library environment or "family-friendly" and in no way illegal. Weapons will not be printed. The library reserves the right to deny a print for any reason.
- Cost of printing will be determined by the amount of material estimated to be used by our slicing software. We will provide an estimate to you for approval before printing. Current cost is \$0.10 per gram of filament, including any support structures that would be removed after printing, with a minimum of \$1.00. This price is subject to change.
- Only RPL provided material may be used. The patron may or may not be given a choice of colors, depending on availability.
- Parameters of the object may change as a result of creating the Gcode for the printer. This most likely will include the size or scale of the object.
- Unexpected flaws and slight imperfections, such as bumps and

strings, may occur. These can be manually broken away or smoothed with sandpaper.

- Extra pieces called support structures may be necessary to print your object. The patron will be responsible for removing these. Scissors, screwdrivers, needle nose pliers, sandpaper, or box cutters may be of use. RPL is not liable for injury due to post-printing object manipulation.
- Design errors or flaws will not be repaired by library staff. If they cause problems for printing, the library reserves the right to deny the print job. If there is a failure in the print job, we will attempt to make corrections in our creation of GCode to improve the printing, but we cannot guarantee a complete print. Cost of filament for failed print will be incurred by the patron.
- There is no guarantee for a completion date. All jobs will be processed in order of submission. Projects resulting from a library program will be given priority.
- RPL is not liable for injuries, property damage or failure of function of objects produced on our 3D printer.
- Keep in mind, the 3D printer is new to the library and it is a learning process for us!