

Lawful and Appropriate Use

- 3D printing service is available to all ages. Children under 12 years of age must be accompanied by a parent or guardian.
- All physical interaction with and configuration of the 3D printer will be performed by Friendswood Public Library staff.
- The Friendswood Public Library reserves the right to refuse any 3D print request for reasons including but not limited to:
 - Any item that is unsafe, harmful or prohibited by law.
 - Any item that is inappropriate for the library environment.
 - Any item that violates the intellectual property rights of an individual or corporation.
- The 3D printer is viewable by the public. The production of all projects is therefor subject to viewing by the public.
- Printing priority is based on a first-come, first served basis. Priority will be given to library programs or activities.

Responsibility

- Supervision of the printing process by library employees does not constitute knowledge, or acknowledgement, of the final use of the 3D printer's products, nor of the lawful status of said products; Friendswood Public Library specifically disclaims any knowledge thereof.
- Products of the 3D printing service are provided "as-is" and without warranties of any kind, either express or implied. Friendswood Public Library disclaims any responsibility for the fitness to any purpose of the service and its products.

3D Printing Service

The Friendswood Public Library offers public access to 3D printing services using a Prusa i3 MK2S model printer.



Using plastic jet printing technology, polylactic acid (PLA) biodegradable plastic filament is melted and layered into thickness of 0.05mm.

Maximum design size of the total printing project is 10500 cm³ (25 x 21 x 20 cm or 9.84 x 8.3 x 8 in).

Objects made from PLA filament can be cut, filed, sanded, painted, and bonded using adhesives; treating them with acetone (for improving surface smoothness) is not possible.

More information about the printer, download manual and software for print preview at www.prusa3d.com

Terms of Use

Process to request 3D printing service

1. Create a project or find a ready-to-print downloadable 3D project from a website such as Thingiverse, GrabCAD, Sketchfab, Tinkercad, and Cubify. Using the Prusa ColorPrint tool, you can define layers of color in the object.
2. Your final project file to be printed must either be a .stl or .gcode format.
3. Submit an order online by sending an email to reflib@friendswood.lib.tx.us that includes the following:
 - a. Your name
 - b. Either an email or phone number
 - c. Attach the .stl or .gcode file
 - d. Include any printing instructions provided with the file.
 - e. Specify the color you would like to use.
Color choices available (subject to supplies)
4. The cost for printing is based on the weight of the project at \$.20 per gram with a \$1.00 minimum.
5. By ordering a project to be printed, you accept the library's 3D printer terms of use.
6. You will be contacted when the project is complete.
7. Your project can be picked up and paid for with cash or check made out to Friendswood Public Library.

Purpose:

The Friendswood Public Library provides 3D printing services to the public for creative, educational and practical purposes. This policy outlines the guidelines for public use of the 3D printer and is subject to change.

Policy:

Cost

- The cost for printing is \$.20 per gram of filament with a \$1.00 minimum.
- Charges are collected via cash or check made out to Friendswood Public Library primarily for the purpose of resupplying filament.
- You will be provided with the cost before printing.
- Projects that cannot be completed due to mechanical error on the part of the machine will not be charged.
- Objects unclaimed after 30 days may be discarded or recycled.
- Customers are expected to pay for completed objects and may not demand a new print in place of the original due to dissatisfaction with color, scale, quality, design, required support material, or other options pre-selected by the customer.

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