

The 3D Print Procedure of B.O.B (Builder of Beasts)

Purchased and maintained by the Friends of the Tyler Public Library and Reference Department Staff.

Get Started

Visit the Information Desk on the 1st floor to get started.

- Submission days: Weekdays, during Library hours (10 a.m. to 7 p.m.)*
- Staff will review the job with you, provide an approximate cost/time, and prepare your print job.†
- The cost is 10¢ per gram of plastic with a required \$2.00 processing fee and receipt issued upon payment of the processing fee. **Payment is cash only.**
- Funds collected will go back to the Friends of the Tyler Public Library as a donation.
- Once your object is completed, we will contact you for pick up.
- Prints will be held for **14 days** for pick up.
- Upon pick up a receipt of acceptance will be given and signed.
- **A library membership is required for print jobs.**

Tech Notes

- Maximum Print Area: approx. 23cm x 23cm x 19cm
- Material: ABS Plastic Filament
- Printer: PolyPrinter 229
- Objects print in a single color
- Our recommended websites include MyMinifactory.com, Thingiverse.com and Youmagine.com
- Often prints will come out with extra “supports” used to stabilize the print due to the heat. This is normal. **Supports are left on and cleaned by the patron.**

3D Printer Rules

- Print job times will not exceed Library operation hours.
- The printers may only be used for lawful purposes and be for objects appropriate for a public library environment.
- Objects must not infringe upon any third party's intellectual property rights.
- Object must not be illegal nor can they be construed as having the intent to harm.
- The library reserves the right to refuse any print request at the discretion of library staff.
- The library will not save or retain submitted files after printing objects.
- Staff will not modify or change models once submitted.
- Prints involving multiple parts/assembly will be assembled by the patron, not by library staff.
- Staff is not liable for any damage of print job once it leaves the Information Desk where job was created.
- Though we will do our best to keep the public informed, please be aware procedures are subject to change without notice.

* **Submissions are subject to availability of trained staff**

† **Please be aware this cost is an *estimate*, not a guarantee; it could cost more for any number of reasons.**

- The Reference Department cannot guarantee that prints will still be available to pick up fifteen days or more after the patron has been contacted that their print is complete. **These prints will be considered “abandoned” and will be handled as the Reference Department sees fit.** Processing fees will not be refunded for “abandoned” prints.
- The Reference Department reserves the right to restrict access to the 3-D Printer if a patron has multiple and/or large prints which have not been picked up and paid for. Reference Department staff will use personal discretion in such matters.

Some Common Questions

What colors are available?

The selection of colors is subject to availability. Patrons may choose from the colors below for their prints, but please note that the gray filament is the easiest to paint for customization. We cannot print in any color not listed. The library frequently has the following colors on hand:

- white
- red
- blue
- green
- gray (easy to paint)
- glow-in-the-dark
- black
- yellow
- pink
- purple
- silver

Check with the Information Desk periodically for any additions or changes to our options.

How long does it take?

Normally the library will be able to complete print requests in 1-2 weeks. We will add your request to our print queue and contact you as soon as the item is ready for pick up. Please be aware that this is an estimate, and any number of factors may extend the time it takes to print your commission. We appreciate your patience.

How large is 10 grams of plastic?

The weight of an object depends on several factors, including how hollow or solid an object is (the “infill”), the amount of support, or the size of the object itself. Feel free to stop by the Library’s Information Desk with questions where we can give you an estimate of weight and cost.