



Rockville  
Public  
Library

*Enrich. Enlighten. Inform.*

## Rockville Public Library

### 3D Printer Project Request

The Rockville Library provides an opportunity for their patrons to submit projects to be printed using the MakerBot Replicator 3D Printer. Digital files can be self-created or downloaded from a web-based, design-sharing site.

Patrons who have read and signed the Acceptable Use Policy (AUP) for the 3D Printer are eligible to submit a project request. Once the form is submitted a Library volunteer will contact you to schedule an appointment to review the request and to ensure that the project adheres to the Library's AUP.

Before you meet with the volunteer, put your project on a flash drive. At the library, the volunteer will download the project from the flash drive onto the build plate of the MakerBot. At this time, the volunteer will estimate the amount of time needed to print it and give a non-binding estimate of the price of the print. The patron will have a chance to review the size, weight, time duration and potential cost to make any changes. Larger project may have to be scheduled to run on a day when the Library is open for a full day.

Once the patron has agreed to the finalized the design, a print time will be scheduled. The patron will be notified when the object is complete and how much the build will cost. Patrons have seven days after notification to pick up their projects. Patrons who do not pick up their projects will have the cost billed to their library record.

#### File formats:

- Wavefront obj (.obj)
- ACSiI stl (.stl)
- Binary stl (.stl)
- Thing (.thing)

#### Maximum build volume:

9.9 inches long by 7.8 inches wide by 5.9 inches high  
(25.2 centimeters long by 19.9 centimeters wide by 15.0 centimeters high)

#### Filament colors:

Black      Brown      Yellow      Blue      Orange

Green

White

Red

Grey

Purple

Cost:

The cost for a project is \$.25 per gram rounded up to the nearest gram.

## Rockville Library 3D Printer

### 3D Printer Project Request

Name

Phone

Email

Rockville Library barcode (13 digits on the back of your library card)

Select a filament color for the project

Description of project to be printed

Please include source of design (self-created or web based)