

3D Printer

Cost: \$1.00 / per print hour

Steps for Printing:

1. Email your files to ESDIV@akronlibrary.org
2. We will reply with a cost and time estimate
3. Once you approve the estimate, we will add your job to the print queue
4. When your print job is complete, we will notify you via email that it's ready for pickup
5. You will pay upon pickup—and enjoy your printed materials!

Include in the Email:

- Files accepted
 - STL or OBJ files ONLY
 - One part per file
- Color wanted for each file

Materials:

- We only use PLA material for our printer
- Parts can only be printed using one color at a time

Colors Offered

Pink	White
Black	Glow in the Dark
Light Purple	Navy Blue
Brown	Red
Yellow	Green
Orange	Gray

Size of Print Bed:

- 200mm X 200mm X200mm

Support Material:

- Support material will be added to anything over the 45 degree threshold
- Supports will be in printed in PLA material
- Must be removed by the patron after picking up

Details of Print:

- FDM printing is not high detail
- We use a .4mm nozzle
 - Details under .4mm will not turn out

Creating Files:

Pre – Designed Files

- Thingiverse.org
- Printables.com

Creating Design on your own

- TinkerCAD.com
- Fusion360
- Blender