

# 3D Printing + CAD: Lulzbot Mini + Taz 6

---

## Equipment Use

- Free to use (two 3D printers available)
- Material cost is 10¢ per gram and will be charged to your library card at completion.
- Anyone with an Illinois library card registered at the Indian Trails Library may submit a 3D print.
- Need help creating or finding a file? Use the [Book-a-Maker form](#) to make a 1:1 appointment with a staff member.



## Submitting a 3D Print

- Files must be submitted through the [3D Print form](#).
- All print job requests are completed in the order received.
- Further instructions and stipulations are available through the form.

## Basics

- Single color prints
- Prints up to 11" x 11" x 9.8"
- Up to 10 business days to complete
- Max. print time: 10 hours
- 1 print per library card at a time

## File Types

- .obj
- .stl

## Software

- |               |                 |              |
|---------------|-----------------|--------------|
| ● AutoCAD     | ● Inventor      | ● Solidworks |
| ● Blender*    | ● Rhinoceros 3D | ● Tinkercad* |
| ● Fusion 360* | ● SketchUp*     | ● ZBrush     |

## Online 3D Printing Communities

- Thingiverse\*
- Pinshape\*
- All3DP\*

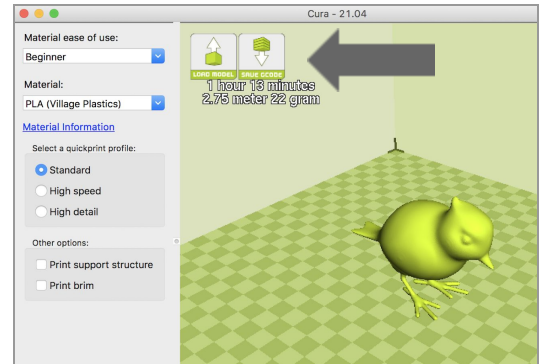


## Learning Resources

- [Lynda.com](https://www.lynda.com) (ITPLD card required)
- [Tinkercad.com](https://www.tinkercad.com) tutorials + projects

## Material

- For an estimated cost prior to submitting your print, download the [Cura 3D Printing software](#).
- After uploading your design, the estimated weight is displayed in the top left corner. Estimate may vary slightly if support structures are added to successfully print some elements in your design.



Material	Description	Price per gram
PLA (polylactic acid)	Biodegradable plastic from plant-based sources	10¢

\* free open-source options