



3D Printer

➤➤ At The Sault Ste. Marie Public Library

For More Information Call or Visit:

**JAMES L. MCINTYRE CENTENNIAL
LIBRARY**

50 East Street

705-759-5236

How to Print a 3D Object:

1. Find or create an .stl, .obj, or hvs.
2. Save the file to a USB stick and bring it to the Reference Desk at the Centennial Library, or submit the file by e-mail to lib.info1@cityssm.on.ca.
3. Staff will validate your file using Launchpad software. If the file is validated and abides by the Library's policy, your file will be added to the queue.
4. You will be notified when your print job is scheduled to print and when to pick up your printed item.



**Sault Ste. Marie
Public Library**

www.ssmpl.ca

"One stop....endless possibilities"

The Sault Ste. Marie Public Library's Cubicon Style 3D Printer from Inksmith is available for public use.

A 3D printer is a device that can be used to create a three dimensional physical object using a computer generated digital design. The object is created by adding successive layers of plastic in a variety of shapes to form the object.

What can you make with the 3D printer?

- Any three-dimensional object you can imagine such as jewelry, home appliance parts, toys, or phone accessories.
- You can also print prototypes for a business or artistic venture.



The following guidelines apply:

- You must have a Sault Ste. Marie Public Library Membership to use the printer.
- Objects that are inappropriate, dangerous, or defy applicable laws will be refused.
- A maximum of 5 hours is allowed for each print job.
- Print jobs are limited to 6 x 6 x 6 inches or (15.25 x 15.25 x 15.25 cm).
- Maximum file size is 50MB.
- The Library currently offers prints in black, gold, purple, blue and white. Only one colour can be used in one print.

A flat fee of \$2.26 (includes HST) plus \$0.10 per gram will apply to all 3D prints.

How to get a 3D file

Make your own:

- <https://www.tinkercad.com/> - Autodesk Tinkercad is a free, easy-to-learn online app anyone can use to create 3D models for printing. A login and password must be created.

Pre-made files:

- <https://www.thingiverse.com/> - Thingiverse is a website that has over 100,000 uploaded 3D models that can be downloaded for free as STL files.
- <https://pinshape.com/> - Pinshape is a 3D printing community. Their goal is to make 3D printing easy by helping you find the best things to 3D print which can be downloaded for free.

