

3D Printer Policy

1.0 Purpose:

The Nederland Community Library desires to offer access to new and emerging technologies such as 3D printers to inspire interest in design and help the community to bring their creations to life. This policy establishes how and under what circumstance the public may use the Library's 3D printers.

2.0 Definitions:

3D Printing: the process of making a physical object from a digital model.

3D Printer: A 3D printer uses melted plastic to produce objects designed on a computer.

3.0 Policy:

I. The Library's 3D printers are intended to be education tools and may be used only for lawful purposes. The public will not be permitted to use the Library's 3D printers to create material that is:

- a. Unsafe, harmful, dangerous or poses an immediate threat to the well-being of others. (Such use may violate the terms of use of the manufacturer.)
- b. Prohibited by local, state or federal law.
- c. Obscene or otherwise inappropriate for the Library environment. This provision is at the discretion of library staff or volunteers.
- d. In violation of another's intellectual property rights. For example, the printers will not be used to reproduce material that is subject to copyright, patent or trademark protection.

II. The Library reserves the right to refuse any 3D print request.

III. Items printed from Library 3D printers that are not picked up within 14 days will become property of the Library. Items must be picked up by the individual who printed them.

IV. Patrons with a valid Nederland Community Library card in good standing are eligible. There will be a charge based on the amount of material used - please see the 3D Printer Procedures for details.

V. Only designated library staff or volunteers will have hands-on access to the 3D printers.

4.0 Attachments: 3D Printer Procedures

5.0 Revision History: Rev -0- Initial Issue



Title: 3D Printer Procedures

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Procedure:

The procedure for printing from the Library's 3D printer is as follows:

- I. Design creation:
 - a. Any 3D drafting software may be used to create a design as long as the file can be saved in .stl file format.
 - b. Some free 3D software suggestions: Sketchup, 123D Design, TinkerCad, Sculptris, Meshmixer.
 - c. Designs also are available from various file-sharing databases such as Thingiverse.com
 - d. Objects must be no larger than 6" x 6" x 6.2"

- II. Submitting a design for printing:
 - a. Persons wanting to use the 3D printer shall bring their file .stl file format to the library during open hours. Staff will add the model to the printing queue.
 - b. Wait/pickup time: Patrons will be notified when their item is ready. Turnaround time depends on the number of prints in the queue, the complexity of the request, and the availability of staff.

- III. Cost - \$0.05 per gram in weight.

- IV. The Library is not responsible for any defects in the quality of the print job. No refunds will be given after the item is picked up.

- V. Please note that the policy and procedures governing the use of the Library's 3D printers are subject to change.