Printing Guidelines

1. The County Library prints 3D print requests based on the following requirements:

    a. Files must be submitted in STL or OBJ format.

    b. Only PLA filament is available for printing; users may not bring their own filament.

    c. Patrons must pay $0.06 per gram of filament including all supporting material.

        • The estimated weight that is calculated during slicing will be used to determine the price of the print job.

2. The Library's 3D printers may be used only for lawful purposes.

3. The County Library reserves the right to refuse any 3D printing requests based on the following:

    a. Prohibited by local, state, or federal law.

    b. Facsimile, replica or a dangerous weapon as defined in Utah Code §76-10-501(6)(a).

    c. An item judged to be obscene or inappropriate for the Library environment.

    d. Files that will fail due to design or printer limitations.

4. The user assumes all liability for 3D printed items and designs.

5. PLA filament is not certified as "food safe".

6. Print quality is not guaranteed.

7. Any previous 3D print requests must be paid for before submitting a new request.

8. 3D prints will be held for 30 days; after 30 days, they become property of the County Library.

Printing Procedures

1. Design Creation

    a. 3D designs may be created with computer-aided drafting (CAD) software. The County Library recommends www.tinkercad.com, a free, online CAD software created for entry-level users.

    b. 3D designs may also be downloaded from file-sharing websites such as www.thingiverse.com. The user is responsible for ensuring designs are within compliance of all copyright and property laws.

2. Online Submission

    a. Please complete the 3D Printing Request Form. Library staff will contact you with the contact information you provide.

    b. Only one object may be requested at a time, the object may be made up of several files. Library staff may need to adjust the print to fit on the print bed.

    c. The County Library cannot guarantee when a print job will be completed. Print times vary based on size, complexity of design, and current printing queue. Please be aware that the printer may be unavailable due to maintenance, heavy usage, or scheduled programming. Users will be notified by phone or email, when the print is ready for pick-up.

    d. The quality of 3D print design is the sole responsibility of the user. Failed prints due to 3D design flaws should be reworked and resubmitted by the user. Failed prints due to machine malfunction will be reprinted.

        i. Failed prints due to machine malfunction or failure will be reprinted at no cost to the patron.

        ii. Refunds will not be given.