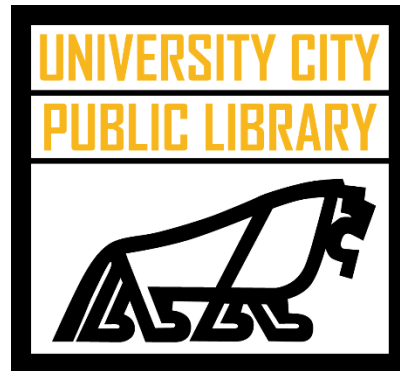


Scan it in 3D

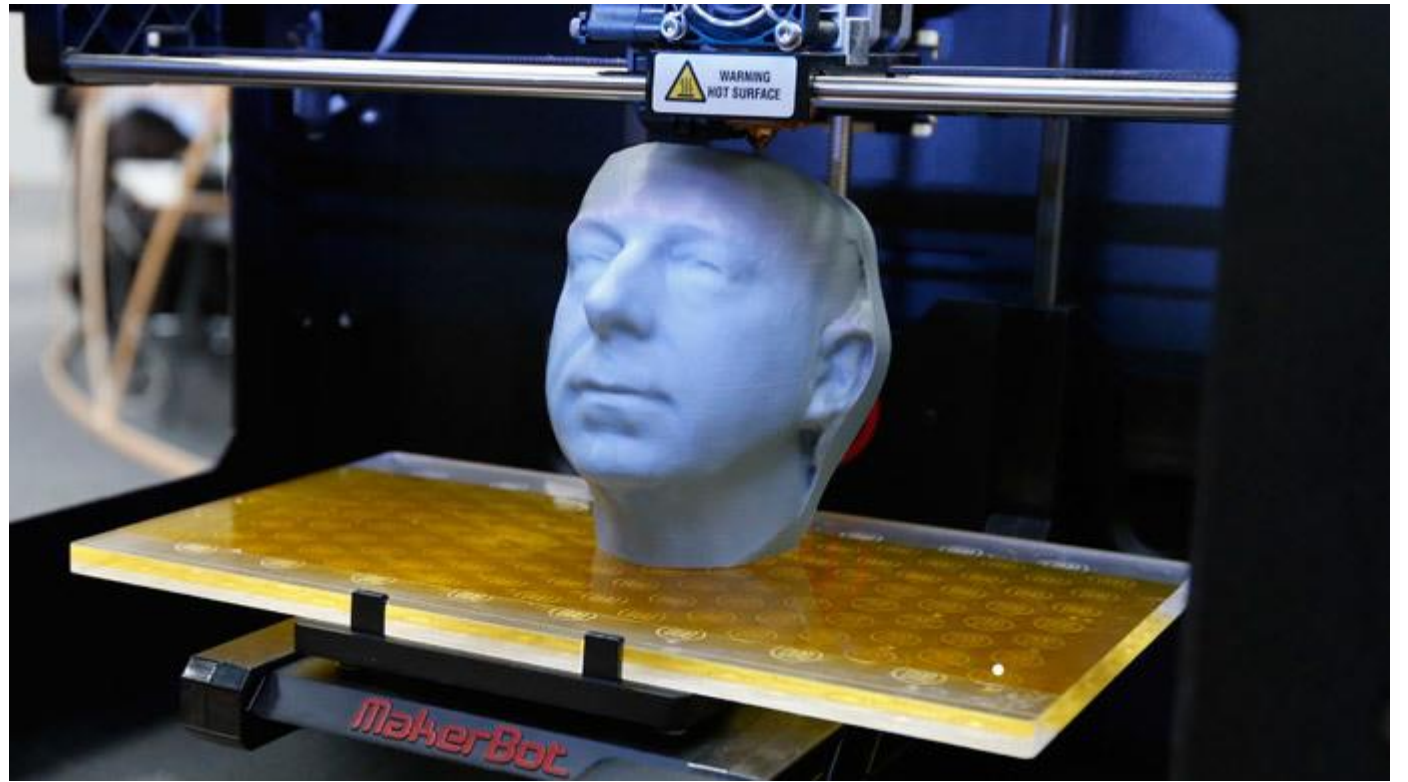
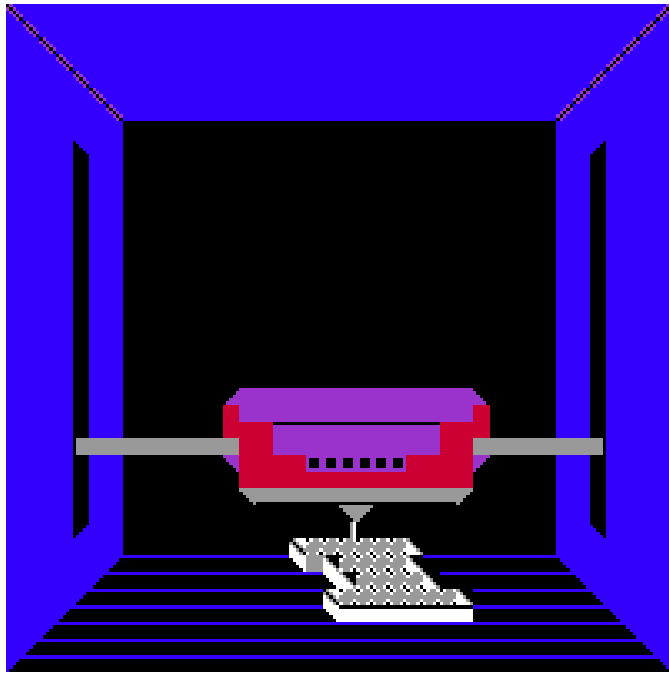


About UCPL

- Diverse inner-ring suburb of STL
- 35,000 card holders
- Single building – 40,000 sq. feet (full of treasures)
- 36,000 Monthly circulation
- 25 FTE staff
- Member of the Municipal Library Consortium of St. Louis County

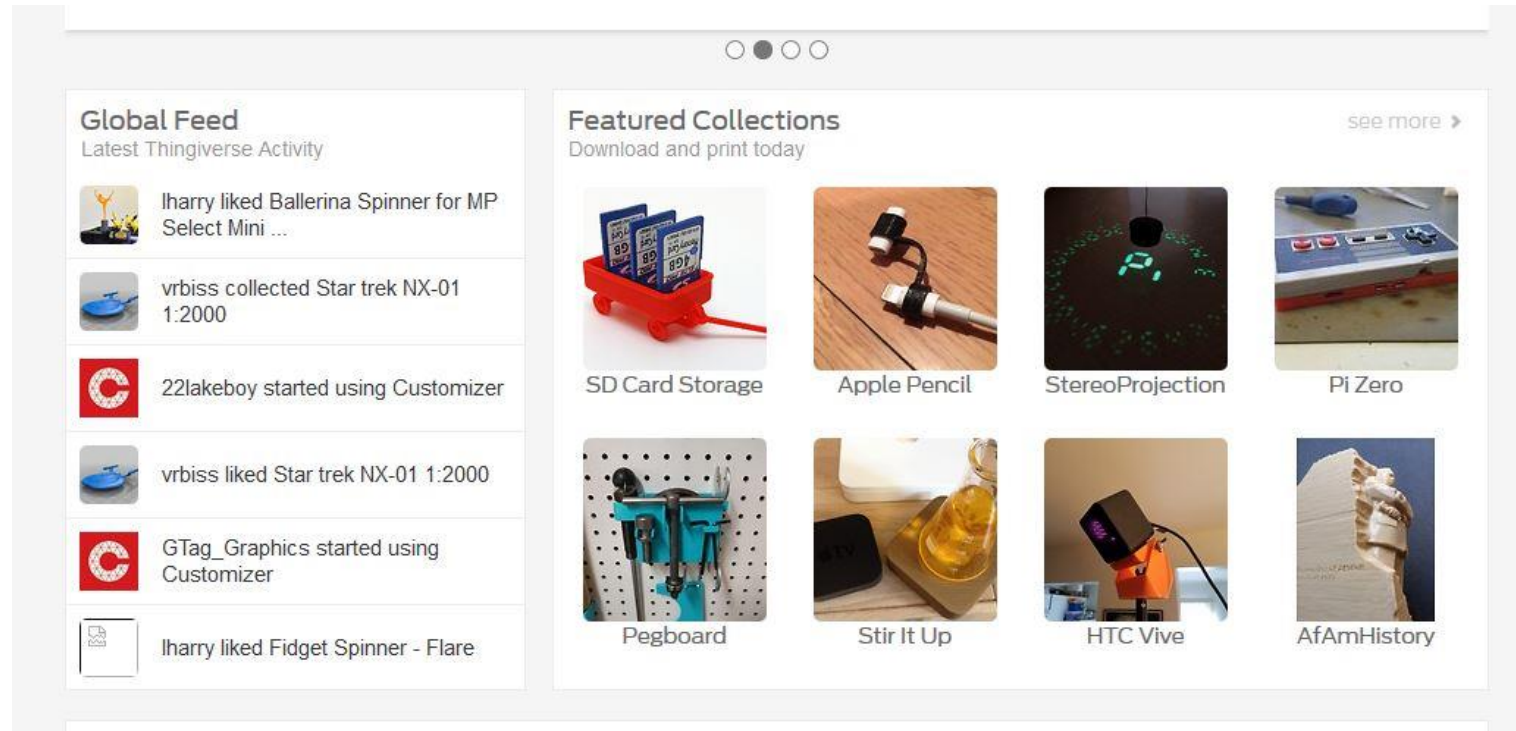


3D printing



Download a model

- Lots of places give models away...



[Home](#)

[3D Models](#)

[3D Printing](#)

[Images and Textures](#)

[Visualizations](#)

[Contributors](#)

[3D in the News](#)

Related Links

science.nasa.gov

[NASA Mars Trek](#)

[NASA Vesta Trek](#)

[Lunar Mapping and Modeling Portal](#)

[National Institutes of Health 3D Print](#)

Article: "Printing Space: Using 3D"

NASA 3D Resources

Welcome to the 3D Resources site. Here you'll find a growing collection of 3D models, textures, and images from inside NASA. All of these resources are free to download and use. Please read the [Usage Guidelines](#).

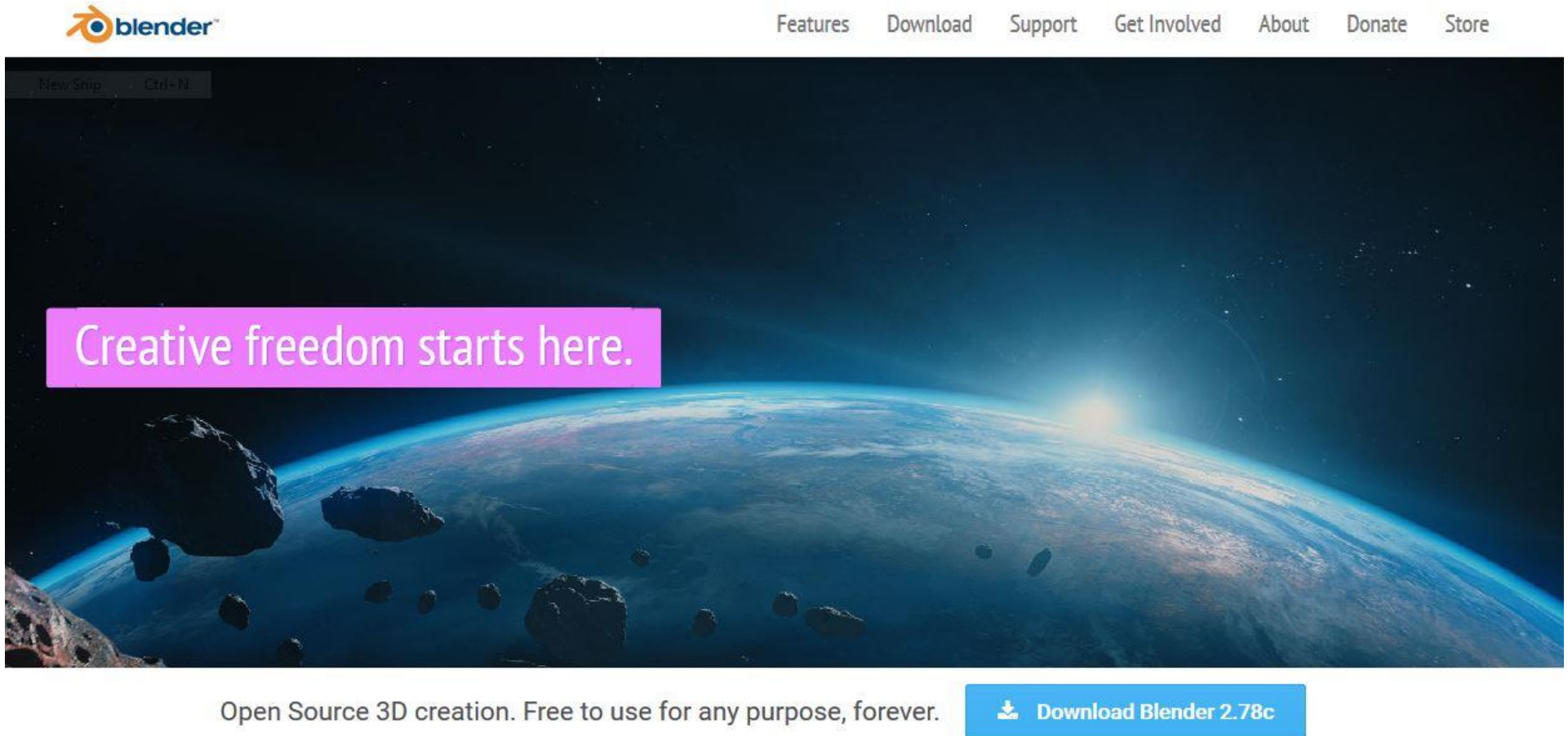


3D Models



Images and Textures

Make a model

The image shows a screenshot of the Blender website's main banner. At the top left is the Blender logo, which consists of an orange circle with a white dot inside, followed by the word "blender" in a lowercase, sans-serif font. To the right of the logo is a navigation menu with the following items: "Features", "Download", "Support", "Get Involved", "About", "Donate", and "Store". The main banner features a 3D rendered scene of Earth from space, with a bright sun on the horizon and several dark, rocky asteroids in the foreground. A semi-transparent pink rectangular box is overlaid on the left side of the banner, containing the text "Creative freedom starts here." in white. At the bottom of the banner, there is a line of text: "Open Source 3D creation. Free to use for any purpose, forever." followed by a blue button with a white download icon and the text "Download Blender 2.78c".

blender™

Features Download Support Get Involved About Donate Store

New Snap Ctrl+N

Creative freedom starts here.

Open Source 3D creation. Free to use for any purpose, forever.

Download Blender 2.78c

Tinkercad is a simple, online 3D design and 3D printing app for everyone.

Tinkercad is used by designers, hobbyists, teachers, and kids, to make toys, prototypes, home decor, Minecraft models, jewelry – the list is truly endless!

[Start Tinkering now](#)



Scan an item



How does it work?

- Uses lasers or photos to scan an object and software to build a digital model.

MakerBot Digitizer



Quick demo

- [Vase-8x.mp4](#)

Babar

SETTINGS

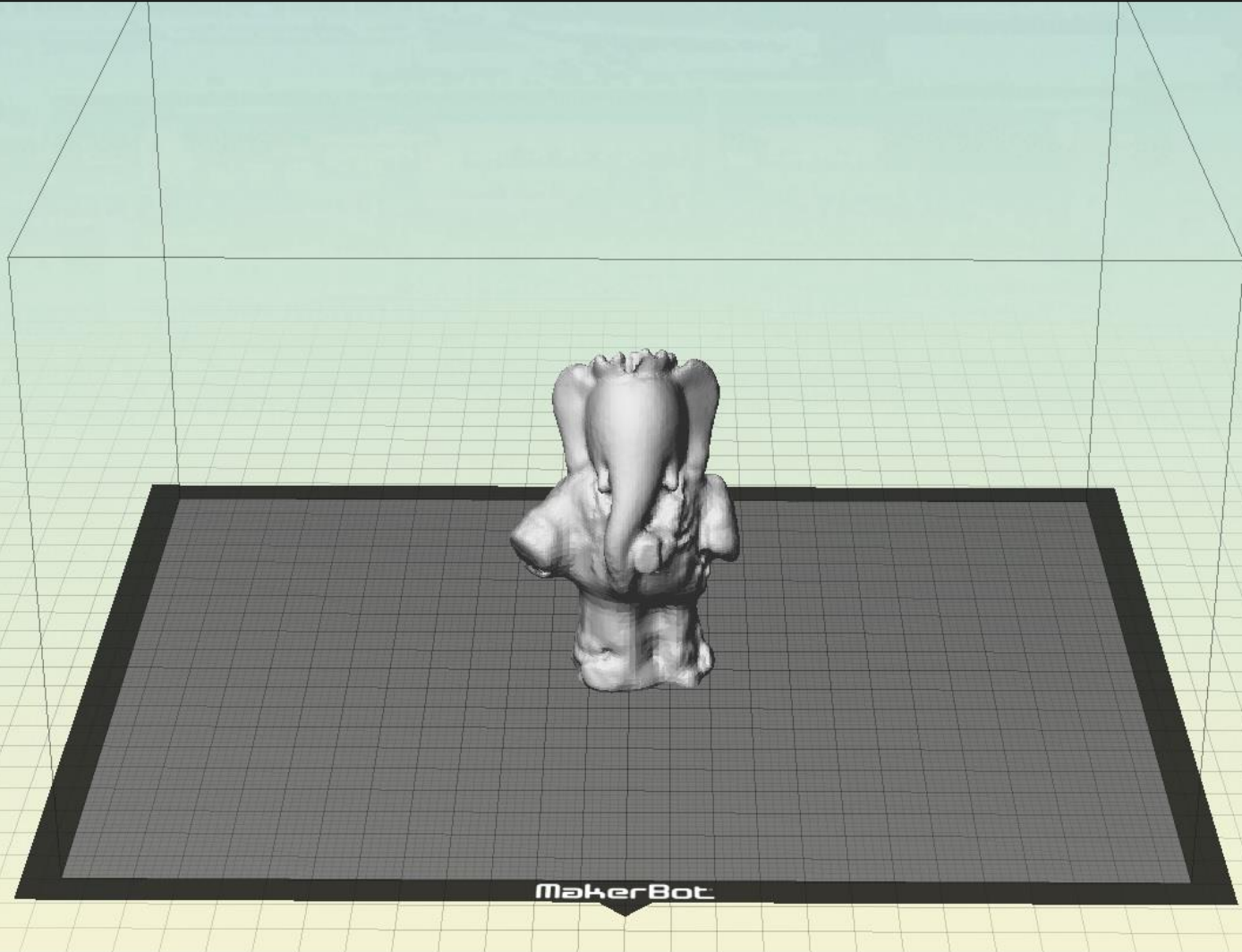
ADD FILE

UPLOAD TO LIBRARY

PREVIEW

EXPORT PRINT FILE

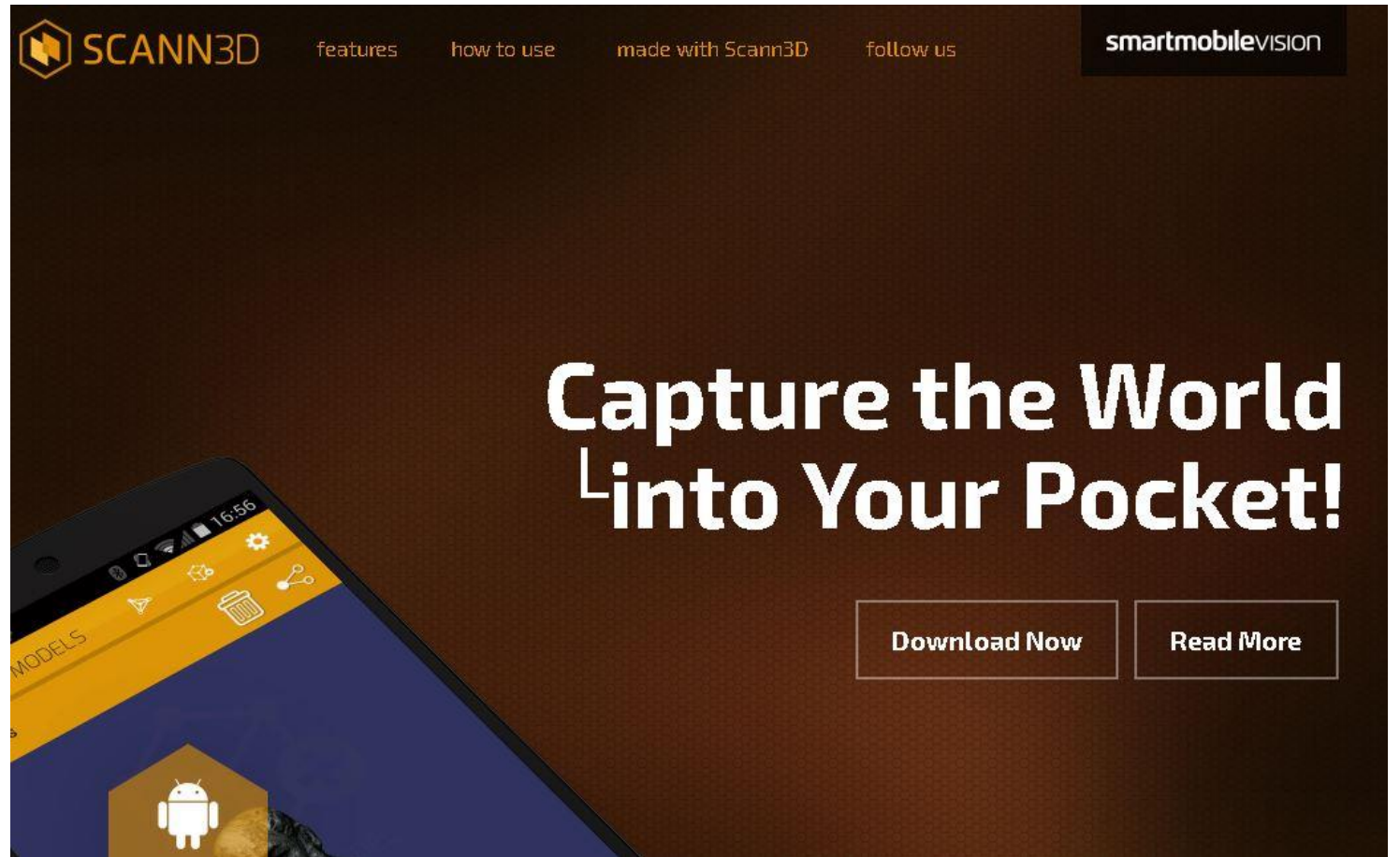
PRINT



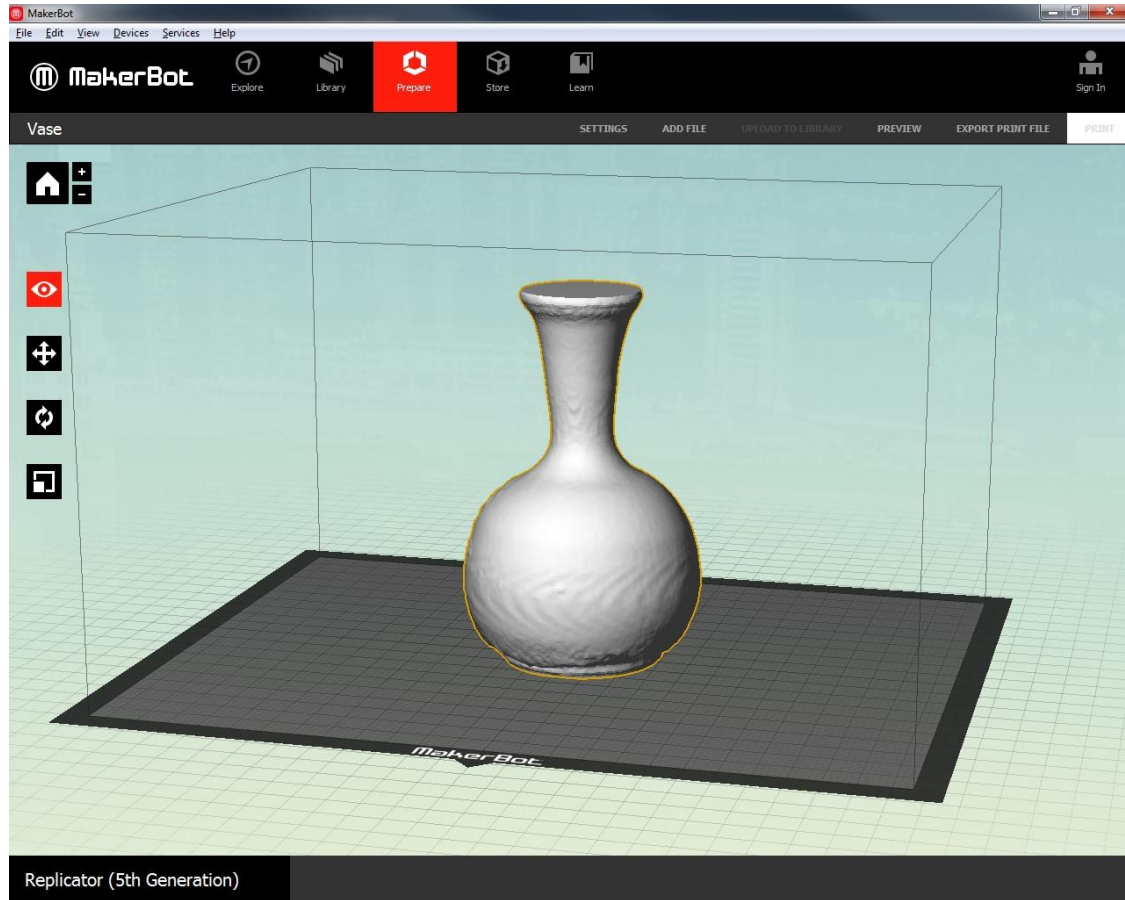
MakerBot

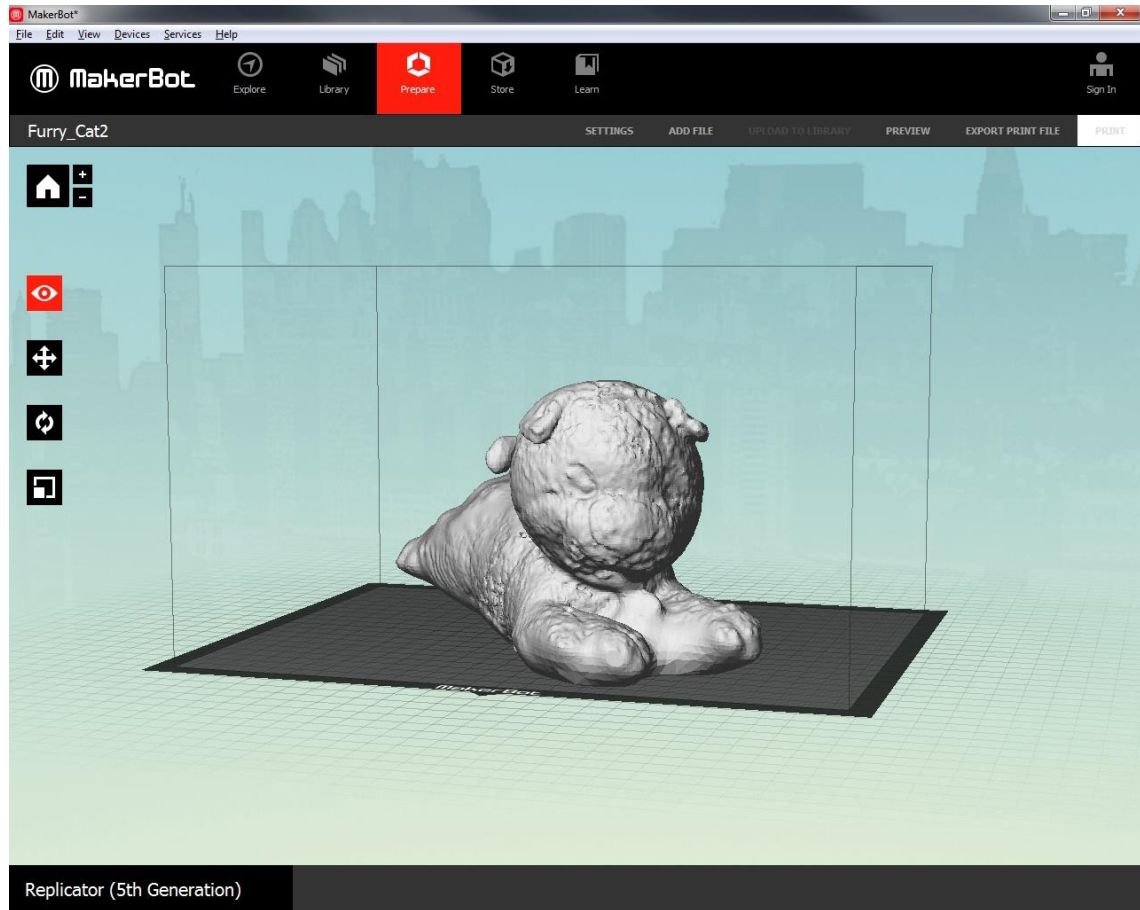
Replicator (5th Generation)

SCANN3D on tablet



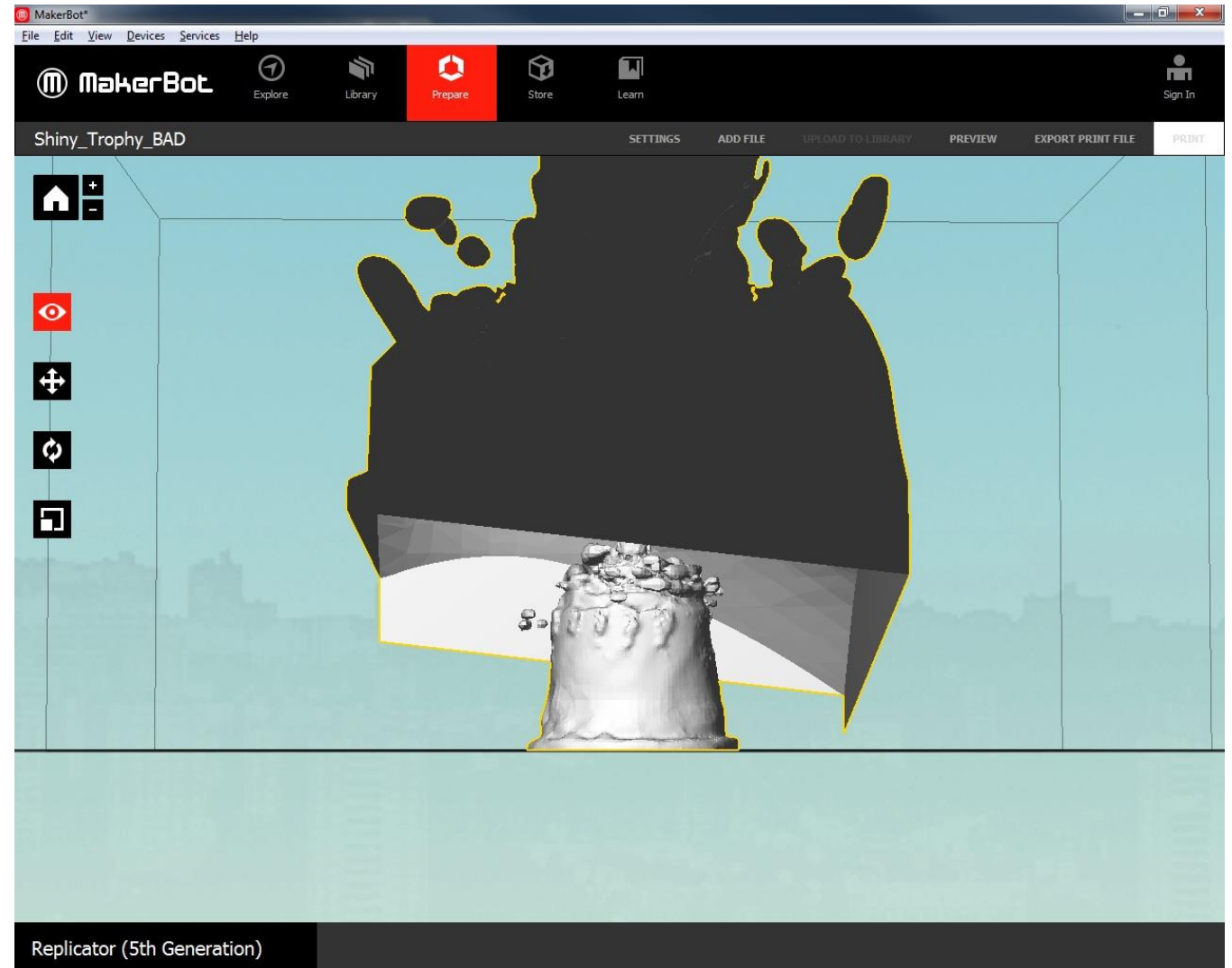
Scan comparison





What can you scan?

- Size limitations
- Shiny limitations
- Imagination limitations



Who uses this?

- Need a part?
- Need a replica?
- Need a ?
- What do you need?







Questions?



Contact us

- Christa Van Herreweghe – Assistant Director christa@ucitylibrary.org
- Bill Coleman – IT Coordinator bcoleman@ucitylibrary.org

University City Public Library,
6701 Delmar Blvd., 314-727-3150

