MakerLab: Create Your Own 3D Designs

MakerLab on MakerWorld offers simple tools that turn text, images, and adjustable choices into printable models. It is a friendly starting point for families with no CAD experience.

START HERE Visit makerworld.com/makerlab, choose a tool, customize the design, preview it, and download the finished model.

Things families can try

Project	What you can make
Figurines	Turn a photo or character idea into a keepsake or collectible.
Names and tags	Create keychains, labels, signs, and personalized gifts.
Vases	Adjust the shape and style of a decorative container.
Useful parts	Generate simple stands, hooks, hardware, and connectors.
Light boxes	Convert artwork into an illuminated wall or desk design.
Photo-to-3D	Explore reliefs, statues, and other image-based creations.

A simple family workflow

STEP 1 Pick one small idea with a clear purpose.

STEP 2 Customize names, size, shape, or image choices.

STEP 3 Preview carefully and check the final dimensions.

STEP 4 Download the model, then open it in your slicer to prepare the print.

Before printing

- Check that thin letters, hooks, and walls are sturdy enough for the final size.
- Confirm the model fits the printer and that the units look correct.
- Use a clear, well-lit image when a tool starts from a photo.
- Save the project link or source image in case you want to revise it later.

NEED A HAND? Bring the finished file to North Pole 3D Printing. We can help check its size, printability, and material choices.