



DRAWING

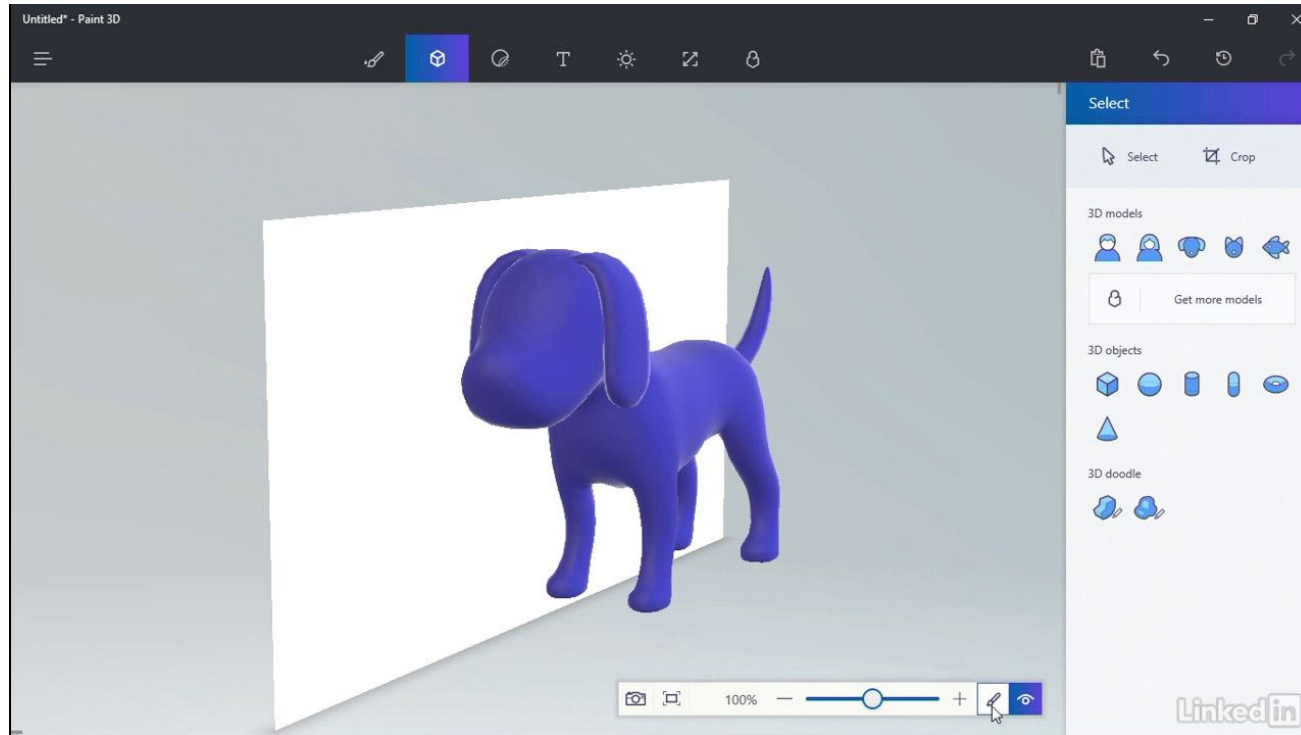
Windows 10 Creators Apps

Ann Stovall, October 2018

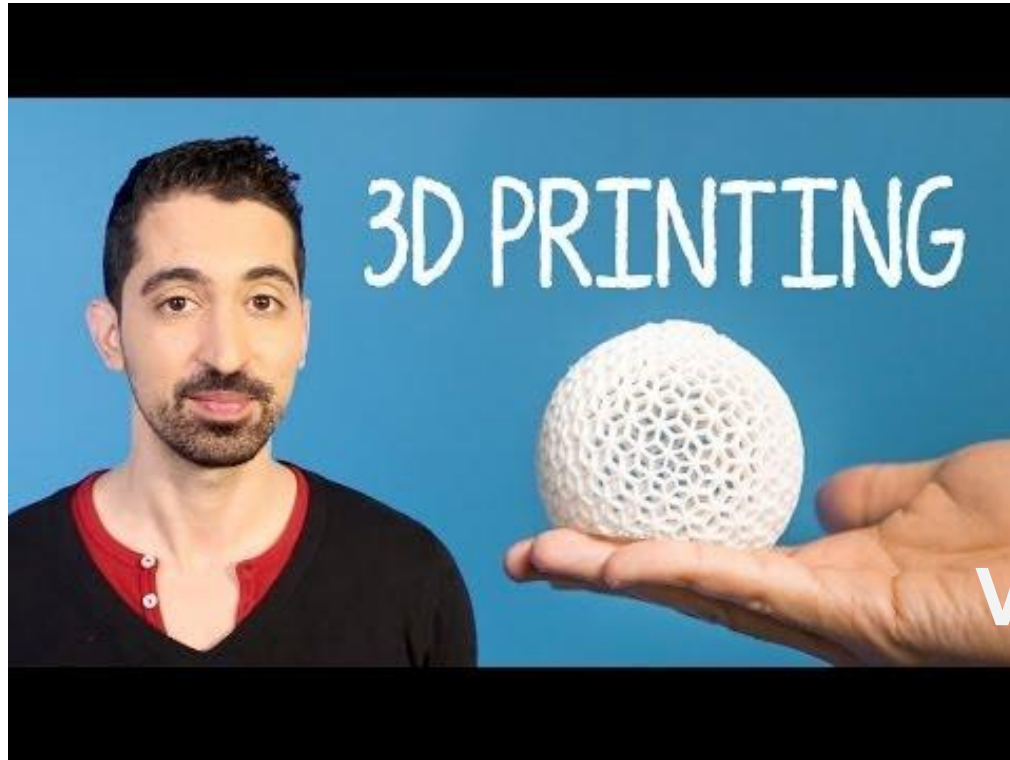
Agenda

- What is 3D Design
- What is 3D Printing
- Printing Your 3D Object
- Free Design Software & Free Designs
- Drawing/Designing in Paint 3D
- Preparing Your Design in 3D Builder

What is 3D Design



What is 3D Printing



Video

3D Printing at IPPL

- IPPL Cardholders
- 10 cents per gram with \$1 minimum
- 1 print job at a time
- Fill out [form](#) and attach object

Find more information at:

- 3dprinter.ippl.info
- [3D Printing Program Handouts](#)



Makerbot Replicator 2

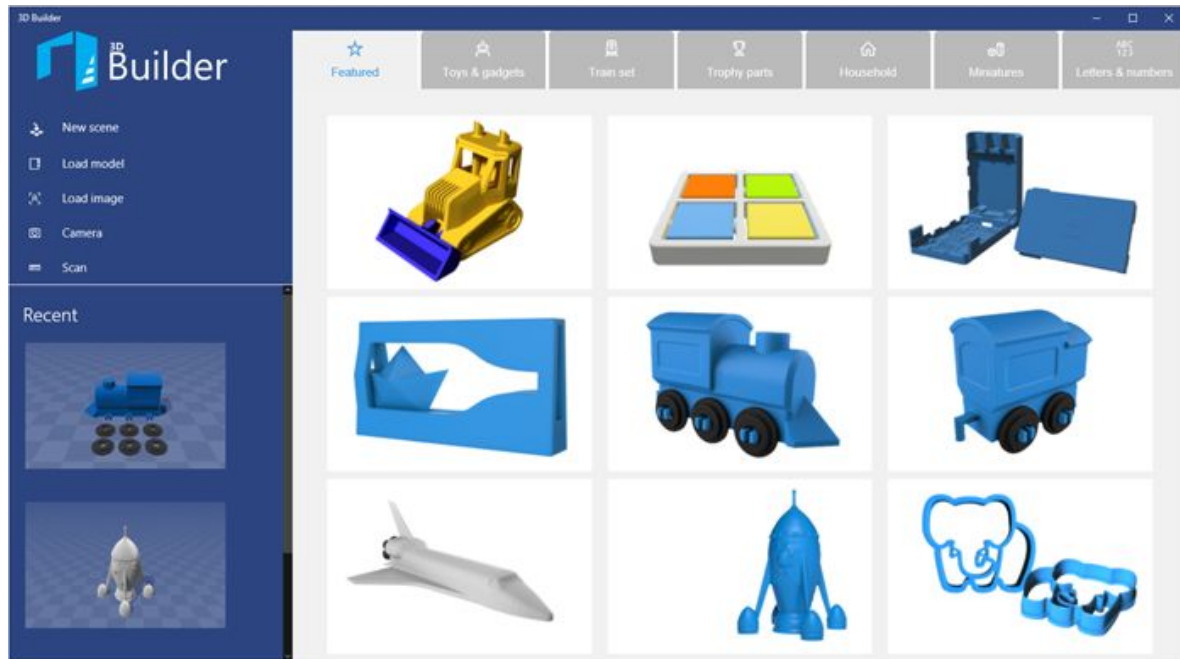
[3D Printer in Action Video](#)

Free 3D Designs

- [Thingiverse](#) - MakerBot Community
- [Pinshape](#) - 3D Printing Community and Marketplace
- [GrabCAD](#) - A free and simple way to share and manage your projects
- [Yeggi](#)- 3D model search engine
- [MyMiniFactory](#)- A 3D community of designers who share free and paid guaranteed printable objects.

Some sites may require an account. Note : *Designs may not print properly. It is recommended that you inspect them in a design software.*

3D Builder



Free 3D Design Software

- Paint 3D- With Windows 10 Creator
- [TinkerCAD](#) - An easy to use online 3D design app.
- [Blender](#) - A professional, 3D graphic software used for creating animated films, visual effects, art, 3D print models and more.
- [Meshmixer](#) - An easy creation of 3D mashups and remixes with specialized tools for 3D printing.
- [SketchUp](#) - A 3D modeling program for a wide range of drawing applications including architectural, interior design, mechanical engineering, film and video game design.



Paint 3D

