

# Introduction to 3D Printing

## Printing houses:

1. Oregon: <https://www.opb.org/article/2022/04/19/how-3d-printing-could-turn-an-eastern-oregon-town-into-a-high-tech-housing-hub/>
2. Texas: <https://www.reuters.com/world/us/worlds-largest-3d-printed-neighborhood-nears-completion-texas-2024-08-08/>

## Popular 3D printers:

1. Prusa <https://www.prusa3d.com/>
2. Creality <https://www.creality.com/>
3. Bambu Lab <https://bambulab.com/en-us>

## CAD Software:

1. TinkerCAD <https://www.tinkercad.com/>
2. Fusion360 <https://www.autodesk.com/products/fusion-360/personal>
3. Sketchup <https://www.sketchup.com/en>
4. Solidworks <https://www.solidworks.com/> (\$20/year for veterans)
5. Blender <https://www.blender.org/>
6. FreeCAD <https://www.freecad.org/>

## Slicer Programs:

1. Prusa [https://www.prusa3d.com/en/page/prusaslicer\\_424/](https://www.prusa3d.com/en/page/prusaslicer_424/)
2. Orca <https://orcaslicer.net/>
3. Bambu Studio <https://bambulab.com/en/download/studio>

## Models online:

1. Thangs <https://thangs.com>
2. Thingiverse <https://www.thingiverse.com/>
3. MakerWorld <https://makerworld.com/en>

## Types of filaments:

1. <https://www.xometry.com/resources/3d-printing/types-of-3d-printer-filaments/>

## More 3D links:

1. <https://www.scribd.com/presentation/445638189/Introduction-to-3D-printing-pptx>
2. <https://www.businessinsider.com/meat-grown-in-space-with-3d-printer-2019-10>
3. <https://www.airbus.com/en/newsroom/stories/2024-09-behind-the-scenes-of-the-first-metal-part-to-be-3d-printed-aboard-the-iss#:~:text=The%20metal%203D%20printer%20is,and%20to%20ensure%20onboard%20safety>