

3D Printing.. is it hype or a
game changer



Printable materials



3D Printer Compilation



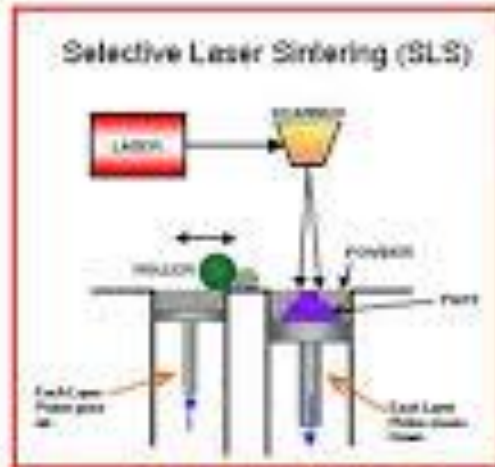
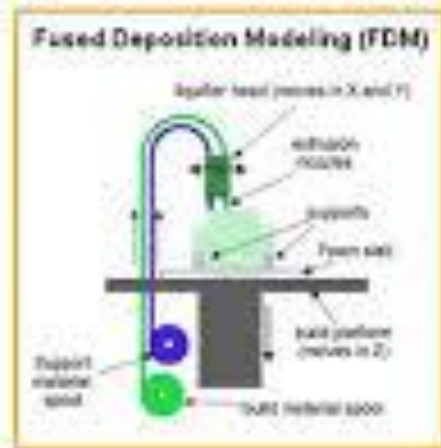
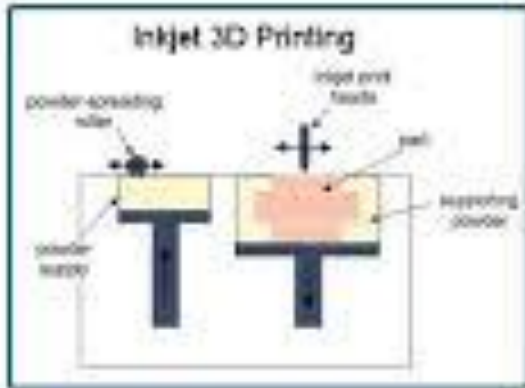
Inventor (Chuck Hull)



1st 3D Printed Part: eye-wash
1984 - Stereolithography

Types of Additive Manufacturing

4 Types of 3D Printing

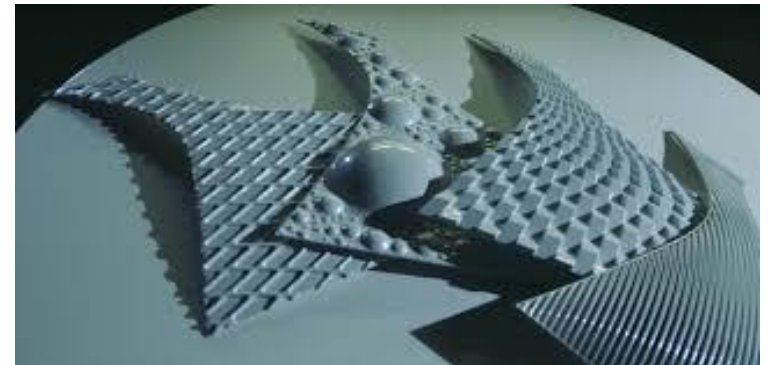
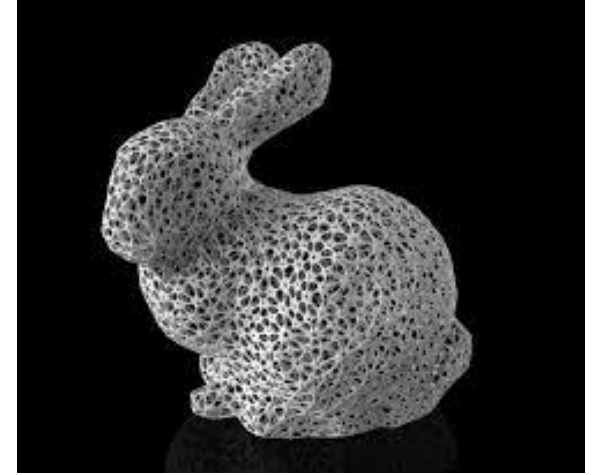
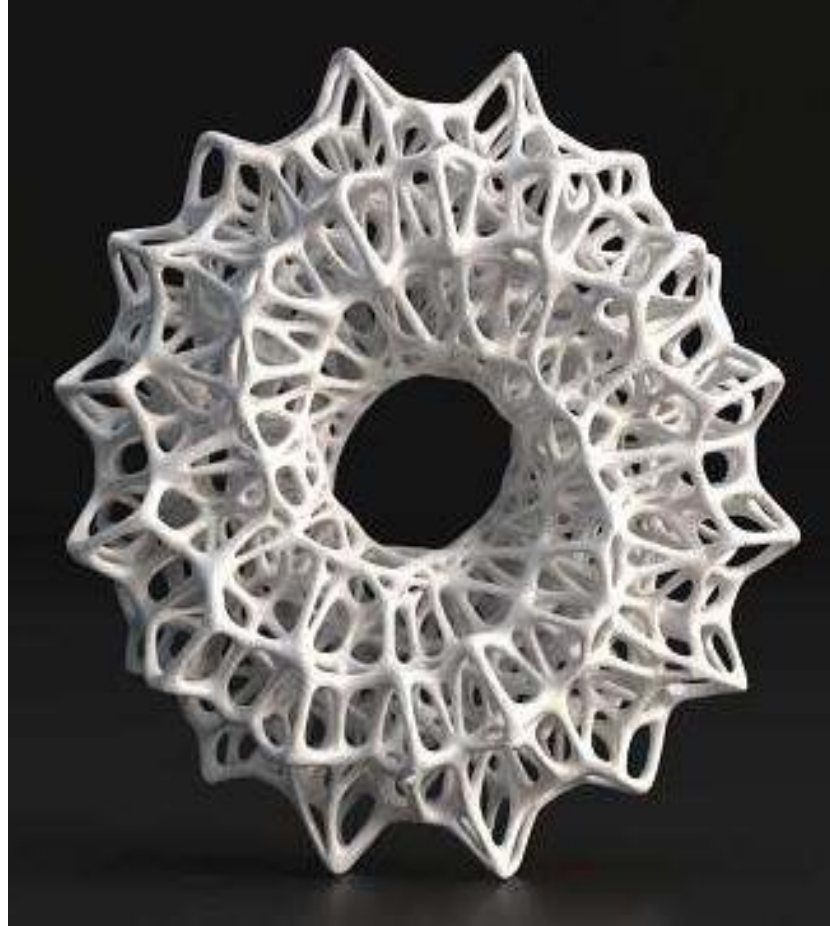


- Inkjet 3D Printing
- Fused Deposition (FDM)
- SL (Stereolithography)
- SLS (Selective Laser Sintering)

Pioneers of 3D Printing



Pioneers of 3D Printing



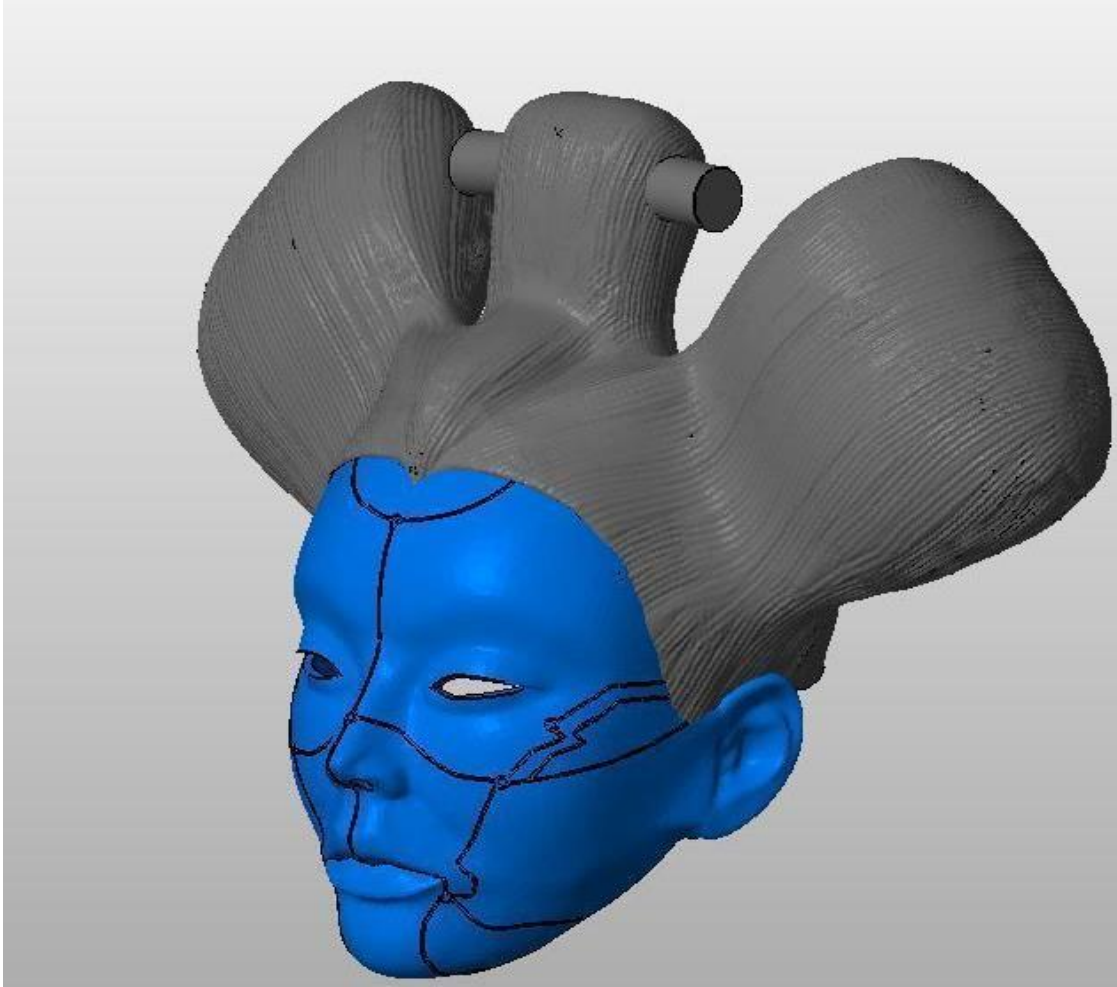
Pioneers of 3D Printing



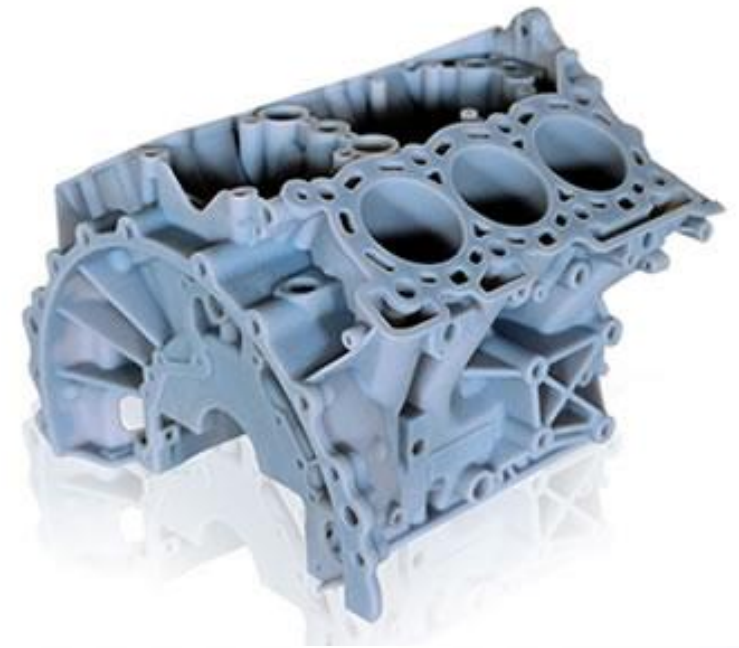
Early adopters



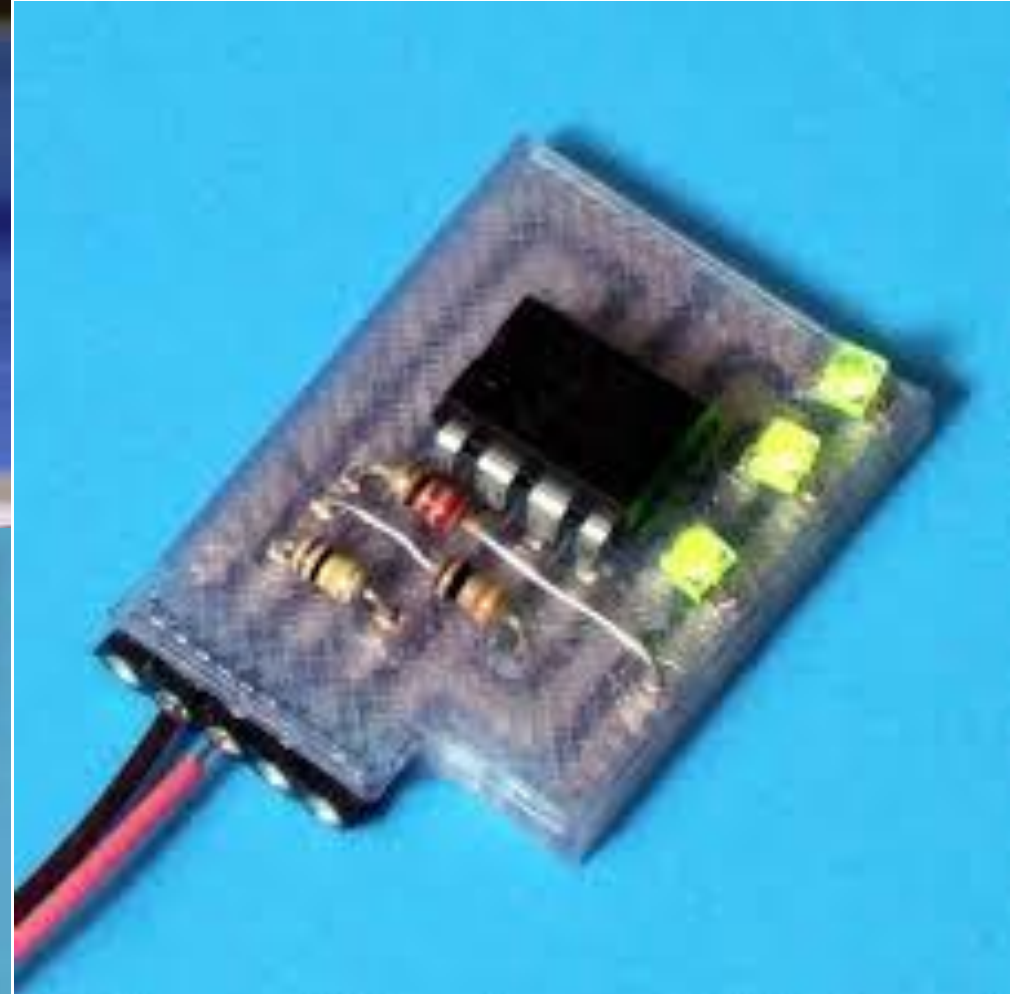
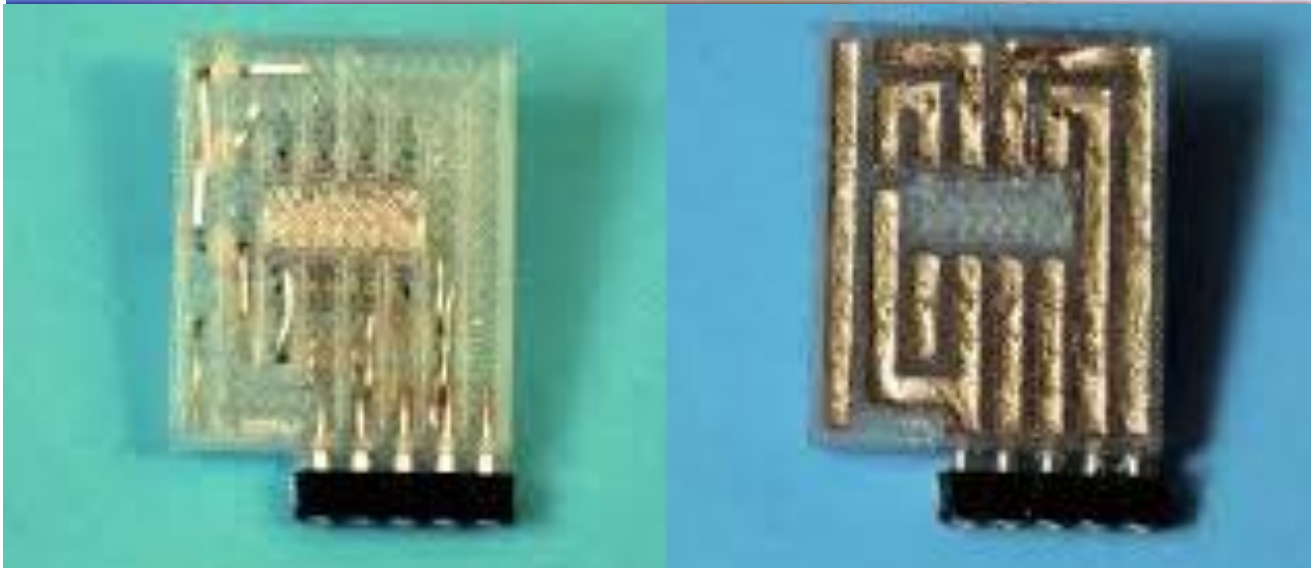
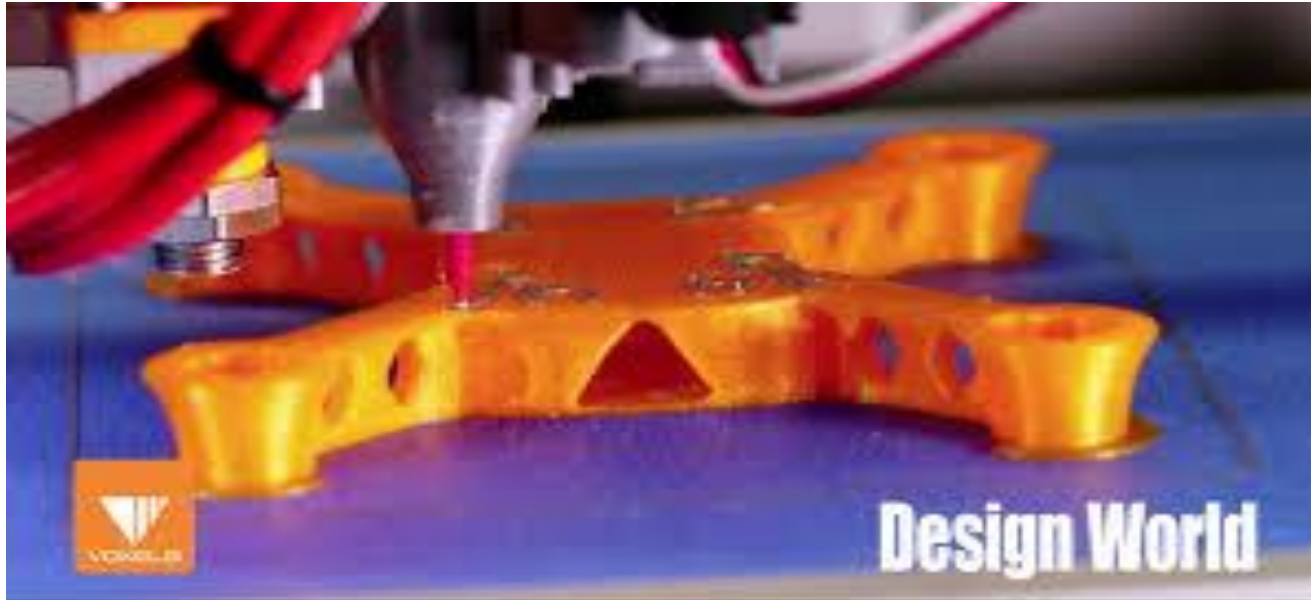
Current Applications



Automotive



3D Printed Circuit Boards



Industrial Design and Manufacturing



The Open Source Movement

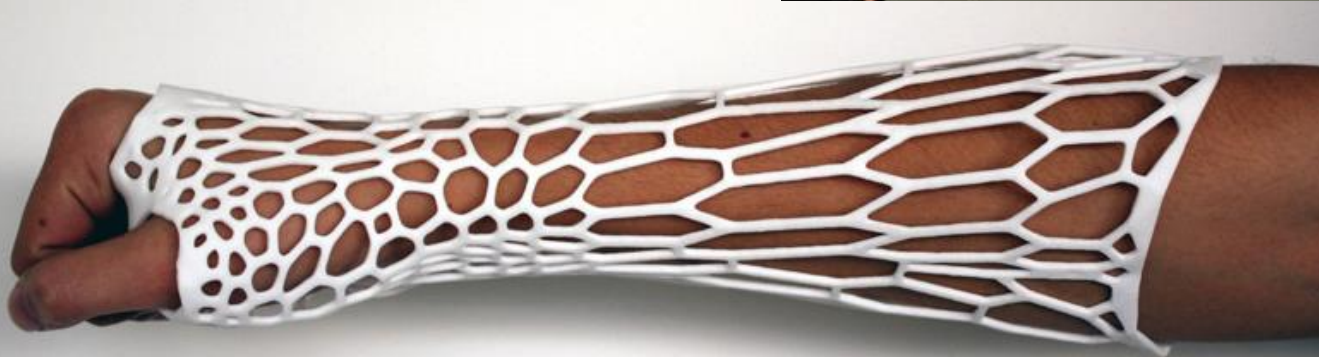
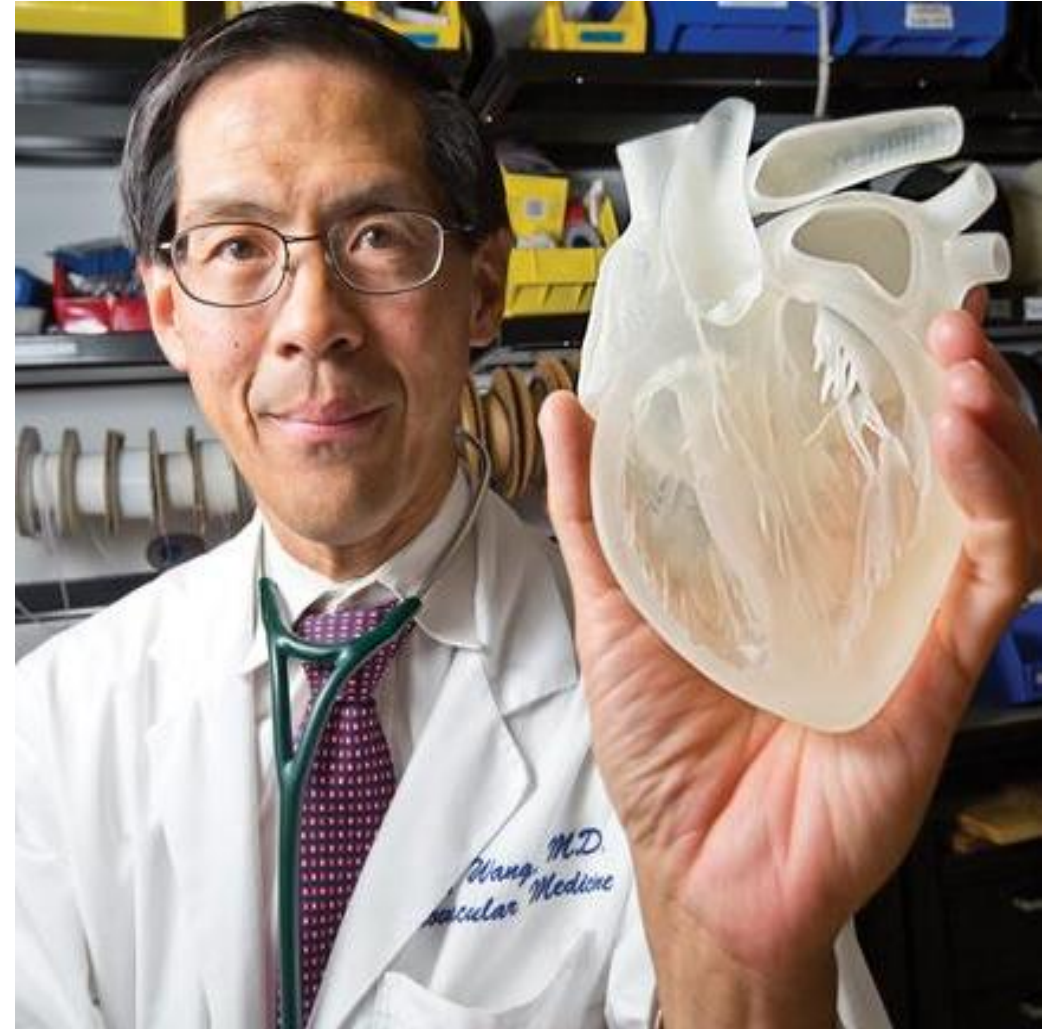
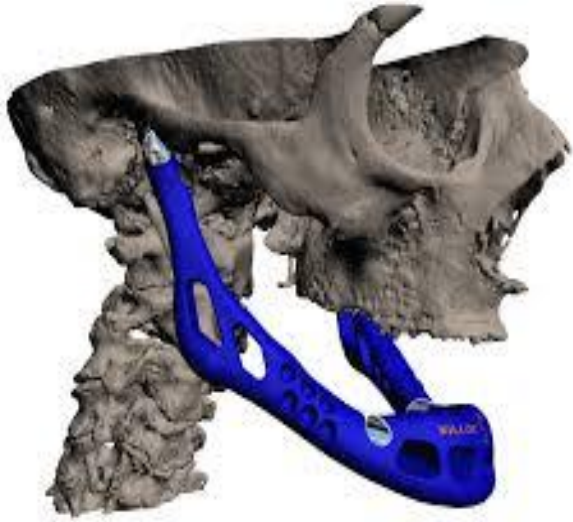


Maker Revolution



**THE NEW
INDUSTRIAL
REVOLUTION**

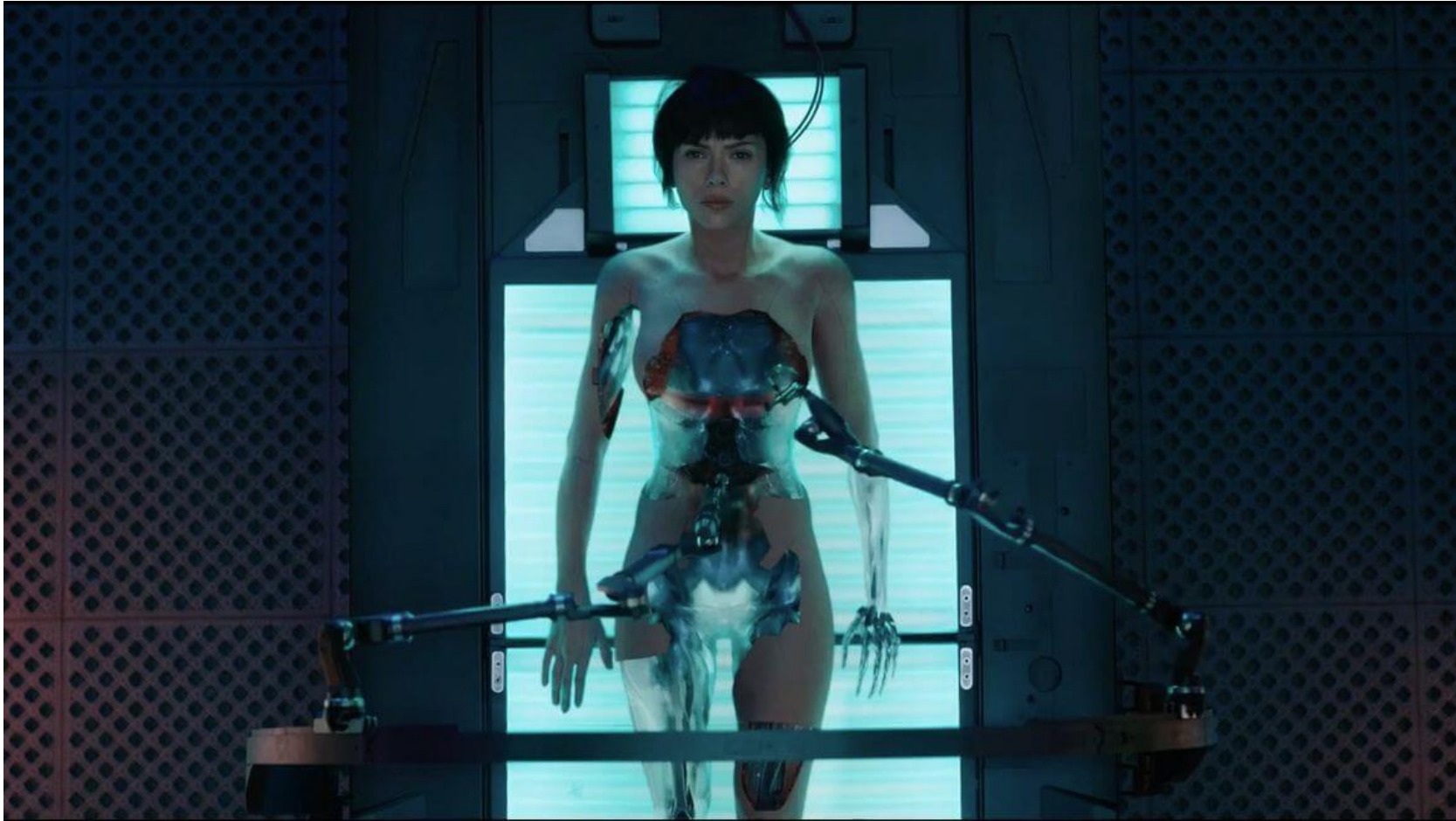
Medical Models and Operations Planning



Jewelry manufacture



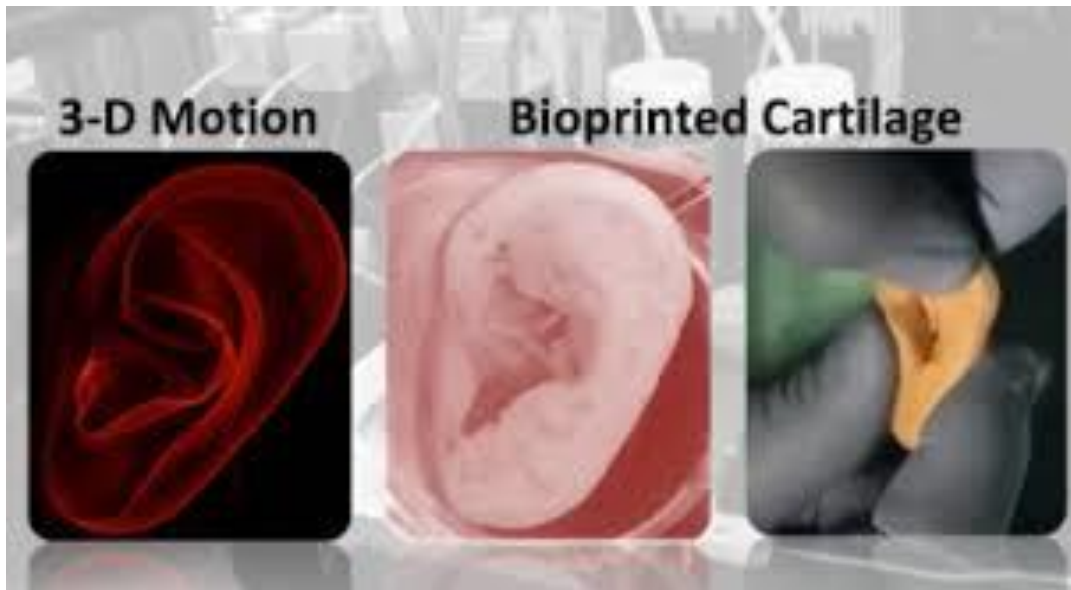
Future Applications in 3D Printing



3D Printed Houses



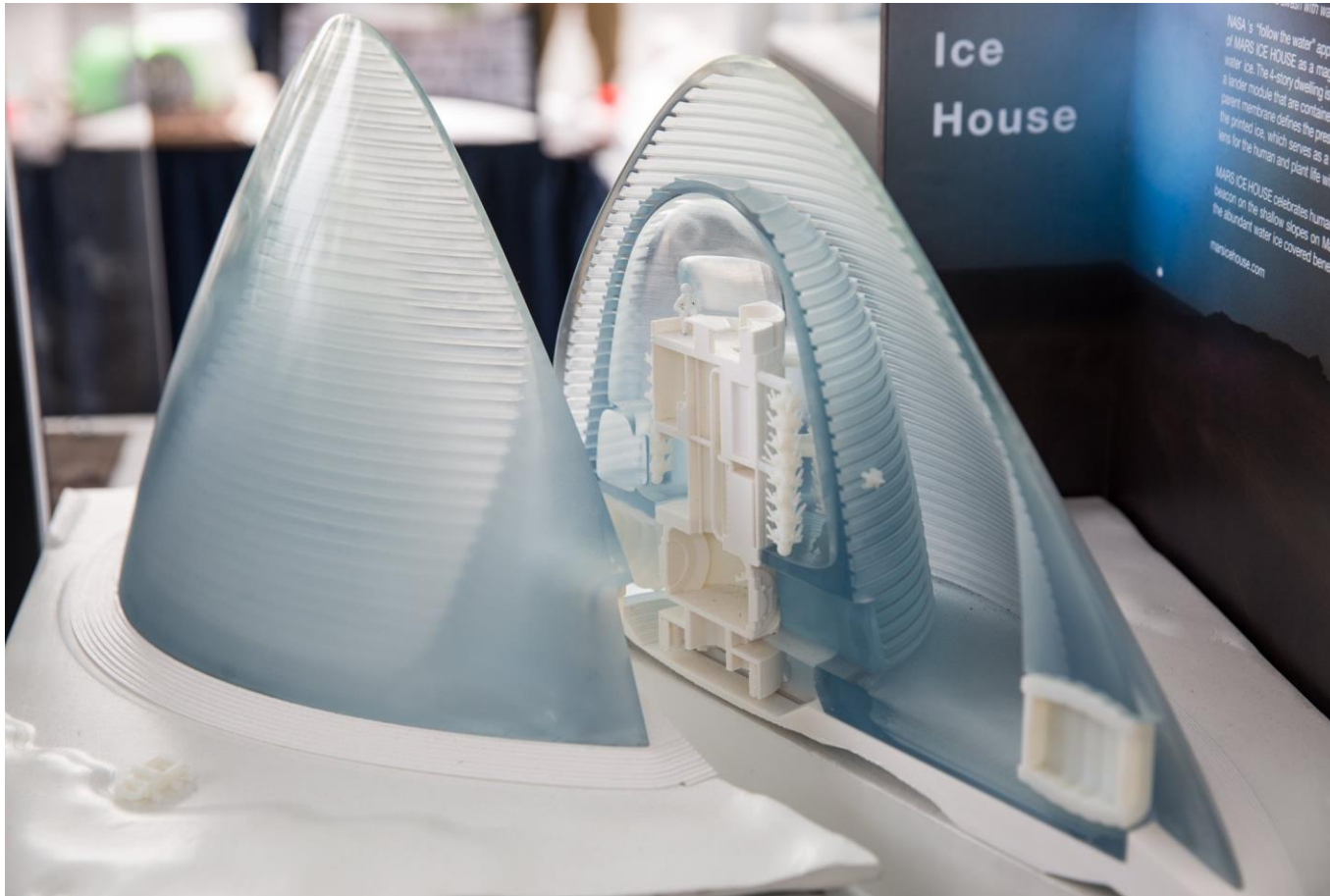
Organs



Food



Spacecraft and Habitats



Bionic Upgrades



Household goods made in the home to factory specification on a consumer grade printer.



