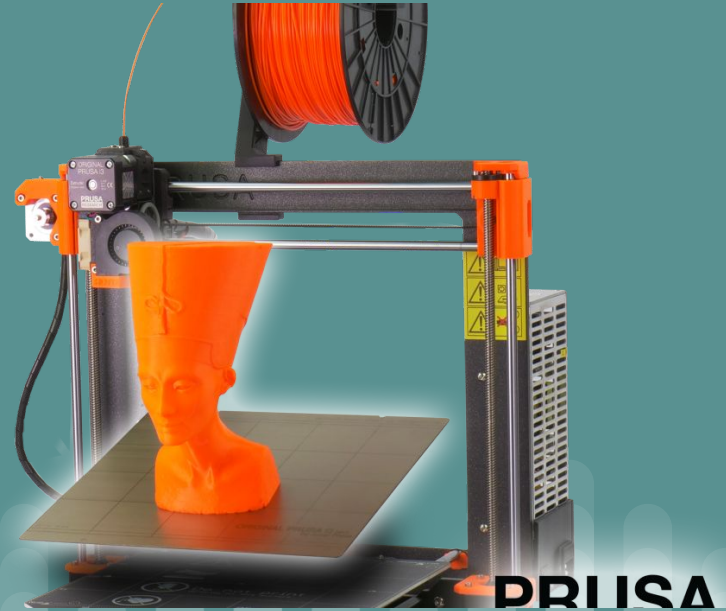
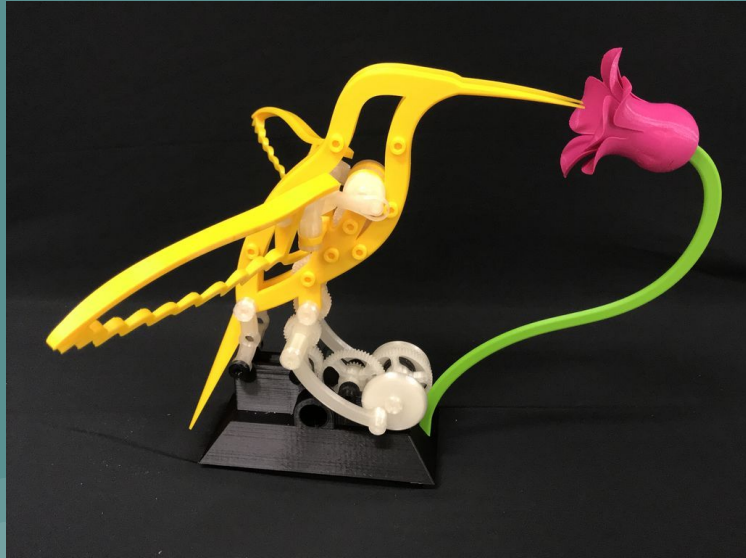


# 3D printing





# Pros and Cons of 3d printing

## Pros

- Fast and easy setup
- Solid build quality
- Comprehensive package
- Systematic print quality

## Cons

- Filament spool design
- Minor design flaws
- Lack of differentiation
- Can make weapons

# Who created the 3D printer?

The earliest 3D printer originated in 1981, when Dr. Hideo Kodama invented one of the first rapid prototyping machines that created parts layer by layer, using a resin that could be polymerized by UV light.



# Filament

The most common filament types, by far, are acrylonitrile butadiene styrene (ABS) and polylactic acid (PLA). Most basic 3D printers are designed to use these filaments exclusively. Part of their appeal is that they're relatively inexpensive, costing as little as \$20 per kilogram.



# FACTS

- Virtually anything can be 3D Printed. ...
- 3D Printing is older than Internet. ...
- 90% of all Jewellery is made using 3D Printing. ...
- 3D Printers will get really fast. ...
- 3D Printing will Build Houses In Space. ...
- 3D printing Is the Future of Retail. ...
- 3D Printing will change Healthcare.

Who created the 3D printer

A )Albert Einstein

B )Marie Curry

C )Neil Armstrong

D )Hideo Kodama

What year was it made

1 )1981

2 )1672

3 )1999

4 )1876

What are the materials used for 3d printing called

A) DPL and ACD

B) ABS and PLA

C)PBS and AWD