

Do Your Own Objects With 3D Printing: 3D Up Tutorials

3D printing is a revolutionary technology that has the potential to change the way we manufacture goods. It allows us to create complex objects from digital files, without the need for expensive tooling or molds. This makes it possible for anyone to create their own custom objects, from toys and gadgets to furniture and even prosthetics.



Home made flower of life with 3D printing: Do your own objects with 3D printing (3D Up's tutorials Book 2)

by Nicolas Audibert

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If you're interested in learning how to use 3D printing, there are a number of resources available online. 3D Up is a great place to start, as they offer a wide range of tutorials that cover everything from the basics of 3D printing to more advanced topics such as 3D modeling and slicing.

Getting Started With 3D Printing

Before you can start printing your own objects, you'll need to gather a few supplies. These include:

- A 3D printer
- 3D printing filament
- A computer with 3D modeling software

Once you have your supplies, you can follow the steps in the 3D Up tutorials to learn how to set up your printer, load filament, and print your first object.

3D Modeling

Once you've mastered the basics of 3D printing, you can start learning how to 3D model. This is the process of creating digital 3D objects that can be printed on a 3D printer.

There are a number of different 3D modeling software programs available, each with its own strengths and weaknesses. 3D Up recommends using Tinkercad, which is a free and easy-to-use program that is perfect for beginners.

Slicing

Once you have created a 3D model, you need to slice it into thin layers before you can print it. This process is called slicing, and it is essential for ensuring that your object prints correctly.

There are a number of different slicing software programs available, each with its own features and settings. 3D Up recommends using Cura, which is

a free and open-source program that is widely used by 3D printing enthusiasts.

Printing Your Object

Once you have sliced your model, you can load it into your 3D printer and start printing. The printing process can take anywhere from a few minutes to several hours, depending on the size and complexity of your object.

Once your object is printed, you can remove it from the printer and let it cool. You may need to do some post-processing, such as sanding or painting, to finish your object.

3D printing is a powerful technology that can be used to create a wide range of objects. With the help of 3D Up tutorials, you can learn how to use 3D printing to create your own custom objects.

So what are you waiting for? Get started with 3D printing today!

Image Credits:

- 3D Up
- Tinkercad
- Cura



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