

# NWWA 3D Printing

## Useful YouTube Channels

These are some of the channels that I have found useful. Searching YT will bring up many others, you will need to find those that match your needs. Various quotations from the websites have been re-produced here to provide a 'flavour' of what the site contains...

### 3D Printing

#### 1 Teaching Tech

<https://www.youtube.com/c/TeachingTech>

##### Description

Teaching Tech is a YouTube channel dedicated to providing quality content that will help expand your technology related skills and knowledge.

“As a qualified Industrial Designer and Primary/ Secondary school teacher, my expertise is very broad. The channel features tutorials on 3D modelling, 3D printing, laser cutting, CNC machining, coding, robotics, electronics and graphic design. I also have other fun tech which I review and feature.

I pride myself on my integrity and can guarantee only unbiased, unpaid reviews and opinions. The content of my videos is something you can trust to help form your opinion. Finally, I love doing things on a budget. This means I can pass on some great tips that can get you started for minimal outlay.”

#### 2 Thomas Sanladerer

<https://www.youtube.com/user/ThomasSanladerer>

##### Description:

Everything about 3D Printing and Making! Build guides, tutorials, tips and reviews around the new generation of consumer and prosumer 3D printers (and more)!

#### 3 The 3D Printing Zone

<https://www.youtube.com/c/The3DPrintingZone>

##### Description:

3D Printing projects, tutorials and demonstrations for nerds of all nerd levels.

#### 4 The Way of Wood

<https://www.youtube.com/c/WayofWood>

Welcome to my channel and the Way of Wood.

Making things is my passion. What I most enjoy about it is to figure out new ways off the beaten track. There is a wide variety of things that I make on this channel:

- o Furniture
- o 3D printing
- o Shop projects
- o Woodworking jigs
- o Props and fun projects
- o Small scale dollhouse models
- o Restorations
- o ... and many more ...

With each video I show and explain the methods, share plans and 3D models to make sure you can recreate the project. But most importantly I would like to inspire you to look for new ways and creative solutions to master your own projects.

For more information and more details visit my website:

<http://www.wayofwood.com>

#### 5 MakeWithTech

<https://www.youtube.com/c/MakeWithTech>

Description:

Here at the MakeWithTech YouTube channel, formerly DrVax, I present easy-to-understand videos about how to become a maker. Learn about 3D printing, woodworking, basic electronics, computer-aided design, and even a little bit of computer programming.

If you are young or old, working or newly retired you can learn something new today by just watching videos. This channel includes tutorials for folks with no technical skills up to experts.

Let's learn something new today.

## Free Cad Design

### 1 Adventures in Creation

<https://www.youtube.com/c/Adventuresincreation>

Description:

This channel covers topics related to creating things. Whether its techniques to create things or things that we have created. It's supposed to be informative and fun. We use multiple open-source software and hardware solutions to create things that we find interesting. The main softwares we use are; FreeCAD, Blender, Inkscape, Gimp, F-Engrave, OctoPrint, and Marlin Firmware. The hardware we use for CNC routing is the excellent Mostly Printed CNC from V1 Engineering.

### 2 Invent Box Tutorials

<https://www.youtube.com/channel/UCRQCzMftlUEIX03kHjV4rmQ>

Description:

As inventors and creators at heart, we want to pass on our knowledge to you so that you can develop your own abilities and change the world around you. We have many free tutorials of various kinds, such as computer programming, CAD, and manufacturing to help get you started. We hope you find what you need. If you'd like to request a tutorial topic, please leave a suggestion in the comments.

### 3 FreeCAD Channel

<https://www.youtube.com/channel/UC3ytj6ggV37vJV2UUFu8TyA>

No published description

## Useful 3D Print files

### 1 Thingiverse

<https://www.thingiverse.com>

The search facility is a bit of a blunt tool but there are loads of print files that are ready to be sliced for your printer.

### 2 Thangs

<https://www.thangs.com>

Another big repository.

## Good Resources

1 All3DP

<https://www.all3dp.com>

A very informative site with regular e-newsletters containing relevant and well organised information.

2 Simplify 3D

<https://www.simplify3d.com>

3 Print Guides

<https://3dprintguides.com>

4 3ders

<https://www.3ders.org>

A more general 3D industry news site, but with useful info.

There are many more, if anyone needs more info or help on 3D printing, selecting a 3D printer or slicing contact me at [mikec@woodstuff.co.uk](mailto:mikec@woodstuff.co.uk)

Most reference books are quickly superseded, but one I use is:

**“3D Printing Failures – How to diagnose and repair all desktop 3D Printing issues”** - by Sean Aranda