Overview

The goal of this 3D Printing Resource is to point new makers to useful resources to help them 3D print their designs. We direct people to external resources and best practices that can help them learn how to design, use and troubleshoot 3D printers.

While we have included links to resources, we have found useful in the past, we cannot guarantee that external links will remain active.

If you have any suggestions to improve this resource, you can add an Issue to the GitHub page for our resources.

Contents

3D Printing Resources

3D Printing Tutorials for Beginners

Before getting started with 3D printing, it is important to know the make and model of your 3D printer. A lot of 3D printer brands such as Bambu Lab and Prusa Research have QuickStart guides and resources on their websites to help you get familiar with your printer and get started with slicing software and printing.

1. Bambu Lab QuickStart Guide
2. Prusa Research Handbooks

There are also other resources and videos that are more generic to 3D printing and give tips and tricks on best practice.

1. How to 3D print? The Beginner's Guide to 3D Printing (bcn3d.com)
2. A Beginner's Guide to 3D Printing (raise3d.com)
3. How to 3D Print: The Ultimate Beginner's Guide to 3D Printing (crealitycloud.com)
4. 3D Printing Basics! (Ep1) - YouTube (VIDEO)

Multicolor 3D Printing Guides

As technology continues to advance, some 3D printers such as those by Bambu Lab have multicolor 3D printing settings available where parts of the design and text can be printed in different colors. Bambu Lab has Multicolor 3D Printing tutorials online that are specific to the Bambu Studio slicer and software.

There are also some other resources available to access to help you decide how to print your design with multiple colors and if this option is available for your printer.

1. How to 3D Print in Multiple Colors: A Complete Guide (crealitycloud.com)
2. Multicolor 3D Printer: The Main Types & Printing Guide | All3DP
3. How To 3D Print in Multiple Colors (howtogeek.com)
4. How to 3D Print Multi-Color Objects (Pro Tips) - YouTube (VIDEO)

3D Printing Troubleshoot Tutorials

There are many different troubleshooting resources on the internet available for users to access if they run into issues while printing projects. If you run into any problems or issues when printing, your printer manual or website should be the first point of reference.

3D Printing Resources

1. [Prusa Research Troubleshooting](#)
2. [Bambu Lab Wiki Homepage (scroll to Troubleshooting Guides)](#)
3. [Creality 3D Printer Troubleshooting](#)
4. [Mingda Printer Troubleshooting](#)

There are also plenty of other resources available created from experienced 3D printers in the community that offer tips and tricks for more general problems.

1. [44 Common 3D Print Problems - Troubleshooting Issues 2023 - 3DSourced](#)
2. [3D Printer Troubleshooting Guide | MatterHackers](#)
3. [Print Quality Guide | Simplify3D Software](#)
4. [Troubleshooting 3D Printer Issues | 10+ Common Problems 3D Printing Beginners Have! - YouTube (VIDEO)](#)