3D Printing with Autodesk 123D, Tinkercad, and MakerBot
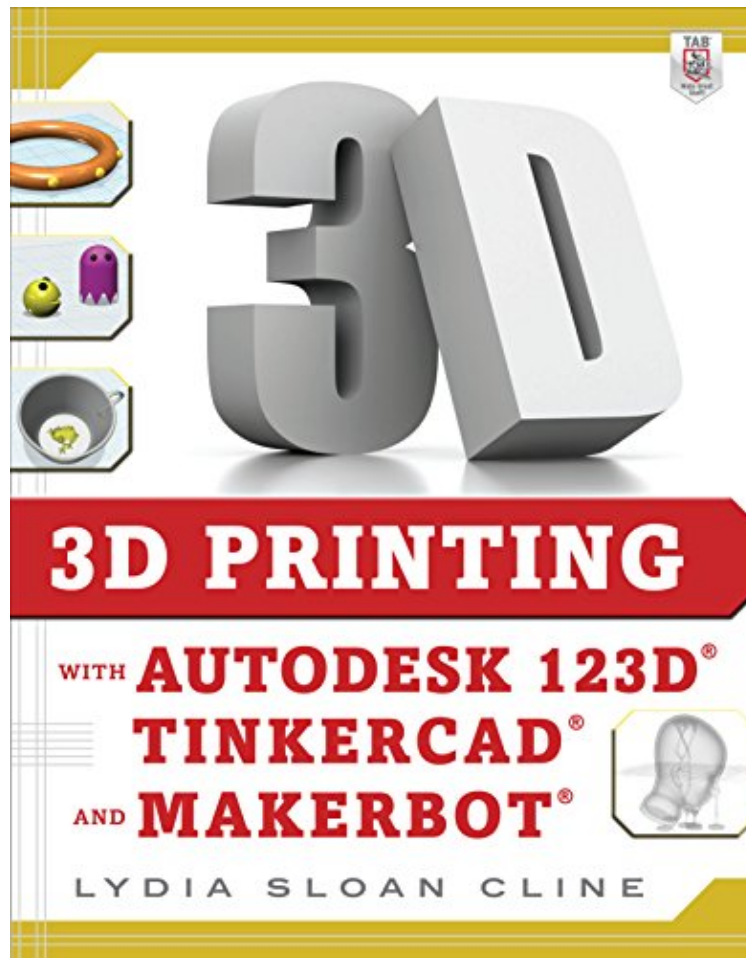
Lydia Sloan Cline
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Lydia Sloan Cline : 3D Printing with Autodesk 123D, Tinkercad, and MakerBot before purchasing it in order to gage whether or not it would be worth my time, and all praised 3D Printing with Autodesk 123D, Tinkercad, and MakerBot:

8 of 8 people found the following review helpful. If you got a Makerbot and don't know where to start, this isn't a bad beginningBy Paul BianchiMy colleague and I just purchased two Makerbots for our high school, and settled on Autodesk's 123D suite of software for student use.The software has gone through so many revisions so quickly that many of the online video tutorials are dated, with command menus and defaults changing on the way. Plus, having to sit through a 5 minute video is a bit frustrating when what you really want to do is leaf through an index and get to the point.Though new to 3d printing we are reasonably computer and software savvy - therefore this book isn't exactly the user manual I wanted. It is aimed much more squarely at the rank beginner, but as such, it does a pretty good job walking you through the various sorts of design software in the 123D suite and explaining how they work together. I am confident that I could hand this book to one of my more curious but non-techy students, and that they would be

able to follow it. The book is rather brief, just a few quick exercises in each piece of software showing you the basics, but it gives you the overview.4 of 4 people found the following review helpful. An excellent resource to 3D printing designBy Pierre FontaineOf all the beginner's books about creating designs for 3D printing, this is by far the best one. There are loads of tips and tutorials and each exercise builds on the last. As the cover states, this book covers the 123D suite of tools as well as TinkerCad which provide the beginner and hobbyist with a great suite of free design tools. This is certainly my "go-to" book and the one I continually keep by my desk as I design my projects.3 of 3 people found the following review helpful. Read the title... to topics mentioned are covered perfectly but this is not a generic 3D prnter manual.By CustomerGiving credit where due, this is a five start book IF you are using the exact software she is describing. Unfortunately, I was looking for more of a general general "Here is how you start in 3D printing" book. For my purpose, it is therefore not the best choice as I do not plan on using these specific software. Now, if you do intend on using the Autodesk programs she mentions in the title, then this is indeed the book you need! That being said, I did get value from reading how these software packages function and it gave me insight on what to look for on the software that I will be using with my home built 3D printer.

Master the art of 3D printing with step-by-step tutorials and DIY projects Are you ready to join the new industrial revolution? 3D Printing with Autodesk 123D, Tinkercad, and MakerBot reveals how to turn your ideas into physical products that you can use or sell! You'll learn how to operate powerful, free software from Autodesk and bring your creations to life with the MakerBot--a leading consumer printer--or an online service bureau. Practical examples take you through the Design, Catch, Meshmixer, Tinkercad, Make, and CNC Utility apps, and the MakerBot Desktop. Fun projects, easy-to-follow instructions, and clear screenshots progress from installing the software to printing the design. Videos and digital files accompany this hands-on guide. Make your own creations with Design and Tinkercad Download editable, premade content Generate construction documents with the LayOut feature Create and edit a reality capture model with Catch Edit and mash up .stl files with Meshmixer Navigate the MakerBot Desktop Print the model on your own machine or with a service bureau

About the AuthorLydia Sloan Cline (Overland Park, KS) has been happily using Autodesk products since AutoCAD version 1.0 was released. She went from plotting her ideas on a flatbed table with pens in robotic arms to sketching them with modeling software and 3D printers. Lydia works for architecture firms, teaches college, judges competitive technology events, and wants you to join the huge community of makers and creators. She is the author of three textbooks: Architectural Drafting for Interior Designers; Drafting and Visual Presentation for Interior Designers; and SketchUp for Interior Design. She teaches Autodesk 123D and MakerBot classes for Johnson County Community College.