

[Ebook pdf] 3D Printing Projects: Toys, Bots, Tools, and Vehicles To Print Yourself

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Brook Drumm, James Floyd Kelly, Rick Winscot, John Edgar Park, John Baichtal, Brian Roe, Nick Ernst, Steven Bolin, Caleb Cotter

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Brook Drumm, James Floyd Kelly, Rick Winscot, John Edgar Park, John Baichtal, Brian Roe, Nick Ernst, Steven Bolin, Caleb Cotter : 3D Printing Projects: Toys, Bots, Tools, and Vehicles To Print Yourself before purchasing it in order to gage whether or not it would be worth my time, and all praised 3D Printing Projects: Toys, Bots, Tools, and Vehicles To Print Yourself:

0 of 0 people found the following review helpful. One StarBy Customerno worth it1 of 1 people found the following review helpful. Realistic and achievable 3D Printing Projects! Simply lovable!By TimeTravellerI bought this book by chance at BN when I was casually browsing at the bookstore.I simply looked at the list of projects and bought it just on that basis.When I got home, I was shocked and pleased at the same time to find that this book was written for the Simple Metal 3D printer.And co-incidentally, I own a Printrbot Simple Metal 3D printer.I have earnestly began working on the projects and my 12 year old seems to be very interested in the most basic of the projects - the 3D

printed Desk lamp. And I've become interested in the Raygun Pen Stand. We're currently very occupied in printing out the parts for these projects. Regardless of the type of 3D printer you own, this is a great way to get started with 3D printing. The projects range from real simple to super complex, and I think that this gets an absolute novice the motivation needed to get on with 3D printing. 1 of 1 people found the following review helpful. ... as a gift for a friend and he really enjoyed this By K Tim Bought as a gift for a friend and he really enjoyed this book

Even if you've never touched a 3D printer, these projects will excite and empower you to learn new skills, extend your current abilities, and awaken your creative impulses. Each project uses a unique combination of electronics, hand assembly techniques, custom 3D-printed parts, and software, while teaching you how to think through and execute your own ideas. Written by the founder of Printrobot, his staff, and veteran DIY authors, this book of projects exemplifies the broad range of highly personalized, limit-pushing project possibilities of 3D printing when combined with affordable electronic components and materials. In *Make: 3D Printing Projects*, you'll: Print and assemble a modular lamp that's suitable for beginners--and quickly gets you incorporating electronics into 3D-printed structures. Learn about RC vehicles by fabricating--and driving--your own sleek, shiny, and fast Inverted Trike. Model a 1950s-style Raygun Pen through a step-by-step primer on how to augment an existing object through rapid prototyping. Fabricate a fully functional, battery-powered screwdriver, while learning how to tear down and reconstruct your own tools. Get hands-on with animatronics by building your own set of life-like mechanical eyes. Make a Raspberry Pi robot that rides a monorail of string, can turn corners, runs its own web server, streams video, and is remote-controlled from your phone. Build and customize a bubble-blowing robot, flower watering contraption, and a DIY camera gimbal.

About the Author Brook Drumm is the founder and CEO of Printrobot, Inc. Brook is an American maker who set out to start a side business in his garage. After a wildly successful Kickstarter in 2011, Brook was catapulted to the white-hot intersection of crowdfunding, 3D printing and the exploding maker- culture. Printrobot is an example of what blood, sweat and tears can produce if you set your mind and heart on what you are passionate about.