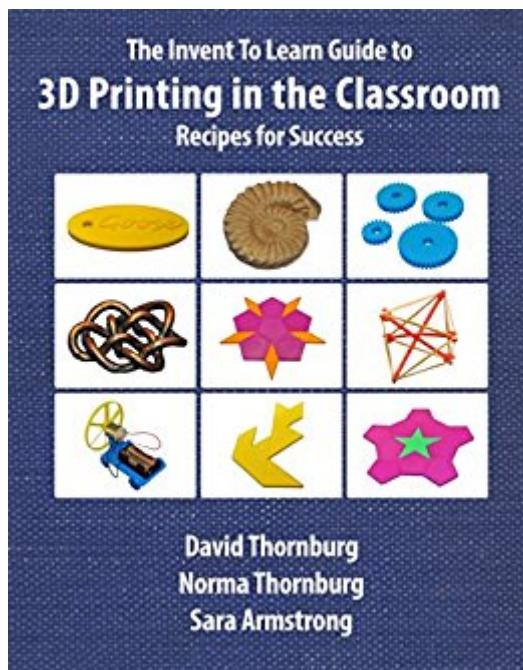


The book was found

The Invent To Learn Guide To 3D Printing In The Classroom: Recipes For Success



Synopsis

This book is an essential guide for educators interested in bringing the amazing world of 3D printing to their classrooms. Learn about the exciting technology, powerful new design software, and even advice for purchasing your first 3D printer. The real power of the book comes from a variety of teacher-tested step-by-step classroom projects. Eighteen fun and challenging projects explore science, technology, engineering, and mathematics, along with forays into the visual arts and design. The Invent To Learn Guide to 3D Printing in the Classroom is written in an engaging style by authors with decades of educational technology experience.

Book Information

File Size: 5360 KB

Print Length: 180 pages

Page Numbers Source ISBN: 098915114X

Simultaneous Device Usage: Unlimited

Publisher: Constructing Modern Knowledge Press (June 1, 2014)

Publication Date: June 1, 2014

Sold by: Digital Services LLC

Language: English

ASIN: B00KPE7W34

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #398,054 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #93
in Books > Education & Teaching > Schools & Teaching > Curriculum & Lesson Plans > STEM Education #326 in Kindle Store > Kindle eBooks > Education & Teaching > Teacher Resources > Computers & Technology #329 in Books > Education & Teaching > Schools & Teaching > Computers & Technology

Customer Reviews

I inherited a MakerBot Replicator 2X when I moved into a new classroom space, and this text has been a great way to get my feet wet with the nuts and bolts of getting the most out of the printer without simply relying on designs from Thingverse. There's a lot here that fits with the

CMK/MakerEd ethos of being willing to take off the teacher hat and put on a learner hat. The "recipes," while prescriptive, are helpful in making me feel at ease working with an expensive piece of school purchased equipment. I'm glad my school's Director of Libraries got this book, and can see it being a great resource in the year ahead as our middle school's makerspace takes off.

The Invent To Learn Guide to 3D Printing in the Classroom was a great overview of the different types of 3D printers, CAD programs and what they are capable of, types of plastics used and why and some great projects to try using the different CAD type programs. I found this very informative and a great launching pad into 3D printing.

I quickly read through the book today. I am glad it was easy to read with a wealth of information. I needed a quick start up guide for working 3D in the classroom. There are several class activities that I can incorporate, as I work through a semester of classes. Can't wait to see more from these authors.

I've been interested in learning 3D Printing, from design to production, since I first heard of this new emerging technology. I happened to be browsing and found this ebook available for free for a limited time so I went ahead and downloaded it. I'm happy I did because now I feel I have a better understanding about the 3D printing process and how simple it can be. The author makes it look easy to do so if I do decide to create my own 3D products in the future based on what I've learned from this book I will feel more comfortable applying that knowledge. The book includes lots of great tips and information that you should be aware of and websites where you can see what other people have created, tools needed, software needed to design your products, as well as how to choose a good 3D printer, if you're looking to purchase one. It is good, not just for the classroom, but for anyone wanting to learn 3D Printing design and production.

This book is fantastic. I like how it demystifies the opportunity that 3D Printing avails learners in the classroom. It even has lesson plans and suggestions for how an educator can integrate it into the curriculum. I have a great deal of respect for the authors and feel that they produced a resource that should be read by anyone interested in adding another dimension to learning.

Without this book, I cannot imagine how a teacher could get started with 3D printing quickly and easily. Highly recommended.

A fantastic book for educators starting out with Computer Aided Design and Computer Aided Manufacturing or for those looking for simple yet meaningful projects to use with learners of various ages and abilities.

This book introduces 18 projects. Some of them are good for 3D printing, but more than half objects can be created easily by conventional methods, such as cutting thin wood boards, etc. Therefore, I think the value of this book is not high.

[Download to continue reading...](#)

3D Printing: The Ultimate Guide to Mastering 3D Printing for Life (3D Printing, 3D Printing Business, 3D Print, How to 3D Print, 3D Printing for Beginners) The Invent To Learn Guide to 3D Printing in the Classroom: Recipes for Success 3D Printing: The Ultimate 3D Printing Guide! (3D Printers, 3D Modelling, 3D Plotting) (3D Printing, 3D Printers, 3D Modelling, 3D Plotting) The 3D Printing Bible: Everything You Need To Know About 3D Printing (3D Printing, 3D Modelling, Additive Manufacturing, 3D Printers Book 1) Invent To Learn: Making, Tinkering, and Engineering in the Classroom 3D Printing Business: Learn the opportunities to make money with 3D printing Learn German Step by Step: German Language Practical Guide for Beginners (Learn German, Learn Spanish, Learn French, Learn Italian) Google Classroom: The 2016 Google Classroom Guide (Google Classroom, Google Guide, Google Classrooms, Google Drive) Success Principles: Beast Mode Mindset of Success: Learn the top secrets that will rocket you to success in any area rapidly How to Become a 3D Printing Entrepreneur: The Top Book on How You Can Make Money With 3D Printing Printing Things: Visions and Essentials for 3D Printing Conventional Label Printing Processes: Letterpress, lithography, flexography, screen, gravure and combination printing How to Make Money with 3D Printing: Passive Profits, Hacking the 3D Printing Ecosystem, and Becoming a World-Class 3D Designer Open: How Compaq Ended IBM's PC Domination and Helped Invent Modern Computing The Game Inventor's Guidebook: How to Invent and Sell Board Games, Card Games, Role-Playing Games, & Everything in Between! The Science, Art and Discipline of Technology Development: How NOT to Re-Invent the Wheel Law of Attraction: Unleash The Secret Power Within and Learn How To Manifest More Money, More Love, More Success, More Abundance In No Time: (Special Bonus: ... Money, Success, Happiness & Love,) Crock Pot: 2,000 Crock Pot Recipes Cookbook (Crock Pot Recipes, Slow Cooker Recipes, Dump Meals Recipes, Dump Dinner Recipes, Freezer Meals Recipes, Crock Pot Recipes Free) Jello Shot Recipes: 55 Fun & Creative Jello Shot Recipes for your Party (Jello Shots, Jelly Shots, Party Recipes, Jungle

Juice, Punch Recipes, Vodka Recipes, ... Rum Recipes, Cocktail Recipes, Wine Making) The Mega Crockpot Recipes Box Set: Crockpot Recipes, Slow Cooker Recipes, Crock pot Recipes, Dump Dinner Recipes, Quick Meal Recipes: Over 300 All Time ... Recipes For You & Your family (99+1 Book 4)

[Dmca](#)