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KEY=WOODWORKERS: - KATELYN PATEL

SKETCHUP SUCCESS FOR WOODWORKERS: FOUR SIMPLE RULES TO CREATE 3D DRAWINGS QUICKLY AND ACCURATELY

With SketchUp Success for Woodworkers, any woodworker can download SketchUp and be drawing helpful, detailed woodworking plans like a pro in no time at all. An affordable, simple, and powerful 3-D design program, SketchUp can be used to create models and plans for anything a creative mind can imagine, especially simple to elaborate woodworking projects and plans. After many years of using SketchUp, David Heim, an expert woodworker and writer, has developed a simple set of rules for success that will guide you in mastering this potent program. With SketchUp Success for Woodworkers, any woodworker can download SketchUp at breakfast and be drawing detailed and useful plans by dinnertime. Easy-to-understand instructions, screen shots, and step-by-step projects make it easy to unleash the valuable benefits of SketchUp to create the models and plans that will transform your woodworking design process and elevate your woodworking output.

SKETCHUP FOR DUMMIES

John Wiley & Sons The first step in making your ideas a reality SketchUp offers a vast array of tools that help you get your building, woodworking, and design plans out of your head and into a real model. Even if you've never dabbled in the software, SketchUp All-in-One For Dummies makes it easy to get started as quickly as the ideas pop into your head! Providing real-world insight from top SketchUp insiders, these six-books-in-one teach you how to tackle the basics of the program and apply those skills to real-world projects. You'll discover the basics of modeling as they apply to either free or paid versions of SketchUp before diving into creating models to use for making objects, constructing buildings, or redesigning interiors. Navigate the SketchUp product mix Get familiar with the basics of modeling View and share your models Make your architecture, interior design, and woodworking dreams a reality You have tons of great ideas—and now you can harness this powerful software to bring them to life.

GOOGLE SKETCHUP: THE MISSING MANUAL

THE MISSING MANUAL

"O'Reilly Media, Inc." If you want to learn to create 3-D models using Google SketchUp, this Missing Manual is the ideal place to start. Filled with step-by-step tutorials, this entertaining, reader-friendly guide will have you creating detailed 3-D objects, including building plans, furniture, landscaping plans -- even characters for computer games -- in no time. Google SketchUp: The Missing Manual offers a hands-on tour of the program, with crystal-clear instructions for using every feature and lots of real-world examples to help you pick up the practical skills you need. Learn to use the basic tools, build and animate models, and place your objects in Google Earth. With this book, you will: Learn your way around the SketchUp workspace, and explore the differences between working in 2-D and 3-D Build simple 3-D shapes, save them as reusable components, and use SketchUp's Outliner to show or hide them as you work Tackle a complicated model building with lots of detail, and discover timesaving tools for using many components Animate the model by creating an interior walkthrough of your building Dress up your model with realistic material shading and shadows, and place it in Google Earth It's easy to get started. Just download the program from Google.com, and follow the instructions in this book. You'll become a SketchUp master in a jiffy.

SKETCHUP FOR DUMMIES

John Wiley & Sons Design almost anything in 3D with SketchUp Whether you've dabbled in drawing in 3D or are interested in learning the basics of design, SketchUp For Dummies makes it fast and easy to learn the ropes of a powerful, user-friendly tool to bring your design ideas to life. From creating a basic 3D model to showing off your work via 3D print or animation, this all-access guide pulls back the curtain on using SketchUp to do anything from redesigning your house to mocking up the next great invention. With an emphasis on usability, SketchUp has found very wide success as a tool even non-designers can use to make basic drawings. And now, thanks to the insight and expert tips from former SketchUp product director Aidan Chopra and co-author Rebecca Huehls, this easy-to-follow guide makes it more accessible than ever! Create buildings and components Alter the appearance of your model Tour your designs via SketchUp Get quick tips on troubleshooting If you're a designer with sketchy computer modeling skills, SketchUp For Dummies is the trusted reference you'll turn to again and again.

SKETCHUP TO LAYOUT

THE ESSENTIAL GUIDE TO CREATING CONSTRUCTION DOCUMENTS WITH SKETCHUP PRO & LAYOUT.

MasterSketchUp The SketchUp to LayOut book is the essential guide for woodworkers, carpenters, architects, contractors, builders, and designers who already know the basics on how to use SketchUp, but are looking to create stunning presentations to visualize their ideas with their clients using LayOut. Learn the workflow for creating models specifically for LayOut Before you even begin modeling that first rectangle, you'll need to fully understand which type of model you should be building for LayOut. Don't make the mistake of creating twice the amount of work for yourself because you didn't properly organize your model ahead of time. I'll teach you how to save time and frustration by organizing your model so YOU are in control of how your model viewports look. The entire first half of the book is dedicated to preparing your model for LayOut. From organizational workflow, to scenes and styles. I share with you my 5 point method I use to visualize and prepare every scene I create for LayOut. Not only will you understand exactly what those five points are, you'll learn multiple ways to control them. Using these methods, you will gain complete control over the look of your viewports in LayOut. You will master every aspect of a SketchUp scene and style, to enable you to create impressive presentations and drawings in the least amount of time possible. Is this too advanced for me? This book is designed for construction professionals who don't have any prior experience in LayOut at all. But it's also structured in a way that lets you look up specific tasks or methods without having to read the book cover to cover. I'll save you all the time and frustration that I went through when I first learned LayOut by quickly orienting you with the workspace, then jumping right in to creating your own titleblock, inserting SketchUp models, and adding dimensions. You should have some basic knowledge on how to use SketchUp. But if you're just starting out, you'll have complete access to my entire library of tutorials and videos for free on my website to bring you up to speed quickly. Every important aspect of LayOut is explained in the book, with step by step instructions for you to follow along. Learn exactly what you need to know and skip over all the little details you don't need to worry about. The book has been updated for 2014 so you'll even learn about the new Auto-Text tag feature, saving you a ton of time on those redundant text edits. You'll see REAL examples The sample projects in the book are real projects, not hypothetical meaningless shapes and boxes, so you can see exactly how to apply the concepts you learn in context with the real world. Plus, the SketchUp and LayOut files are included with each book download so you'll be able to follow along and discover for yourself how to organize a similar project of your own. The sample projects include a woodworking table project, akitchen project, and a three story house project. At the same time, each step by step instruction can be read and followed independently from the project. So if you need to go back and reference a certain part of the book to learn how to do something specific, you'll be able to do that too. Advanced Techniques I've consulted with many of the best SketchUp gurus in the world! I've hung out with Nick Sonder at the SketchUp basecamp conference. I've interviewed Aidan Chopra, SketchUp evangelist and author of "Google SketchUp for Dummies", Eric Schimelpfenig from SketchThis.net, and Alexander Schreyer, author of "Architectural Design with SketchUp". I've also consulted with Mike Brightman, author of "The SketchUp Workflow for Architecture", Daniel Tal, author of "Rendering In SketchUp", and many other great SketchUp experts.

SKETCHUP FOR BUILDERS

A COMPREHENSIVE GUIDE FOR CREATING 3D BUILDING MODELS USING SKETCHUP

John Wiley & Sons The only comprehensive SketchUp guide written for builders and contractors SketchUp is a 3D modeling application used in areas ranging from civil and mechanical engineering to motion picture and video game design. Three-dimensional modeling is of obvious value to the building industry—yet resources for transforming architectural designs into reality is surprisingly limited. SketchUp for Builders is the first comprehensive guide designed specifically for builders and contractors, providing step-by-step instructions on incorporating 3D modeling into all phases of the construction process. Author John Brock draws from his 30 years of experience as a custom home designer and builder to provide practical advice on how to understand what you are building before it is built. This valuable guide demonstrates how to eliminate cost overruns, construction delays, and design flaws by integrating SketchUp modeling into your workflow. Emphasizing real-world practicality, this book covers all of the essential components of modeling a 3D construction project, from SketchUp fundamentals and object basics to importing construction drawings and increasing project efficiency with extensions and plugins. All phases of construction are clearly explained, including foundations, walls and floor systems, roof and mechanical systems, and exterior and interior finishes. Supplies a constructability process for efficient and cost-effective build projects Offers step-by-step guidance for creating construction documents, renderings, animations, virtual reality tours, and more Integrates SketchUp into

all stages of the construction process Provides access to resources such as web tutorials, blogs, and the online SketchUp community Demonstrates how to generate construction documents with accompanying Layout software SketchUp for Builders: A Comprehensive Guide for Creating 3D Building Models Using SketchUp in an indispensable source of information for contractors and builders, architects, interior designers, landscape architects, construction professionals, and anyone seeking to create 3D models of the design and construction process.

GOOGLE SKETCHUP GUIDE FOR WOODWORKERS

THE BASICS

"Whatever your skill level, this concise introduction to SketchUp gets you up to speed fast. Learn how to set up the program, use drawing tools, navigate in a 3-D space, sketch, refine drawings, and create shop-ready plans. Already know a little? This easy-to-skim video lets you focus on what's new to you. Includes: sample project, tips, shortcuts, cheat sheet, and digital plan."--Container insert.

ANGEL OF LAKE PLACID

CreateSpace On the afternoon of July 8, 2000, David Heim died in a Cessna plane crash. But when his wife entered the hospital where he had been pronounced dead-on-arrival, his heart miraculously resumed beating as if it recognized her presence. For the next forty days David remained in a coma, precariously clinging to life. Angel of Lake Placid is a love story that hinges on hope, when hope does not exist. It is the story of a courageous wife and pristine mother who must nurture newborn twins at the same time she continuously pulls her husband from his grave. The Thrill of Victory as she holds her treasured babies, and the Agony of Defeat as she holds her dying husband's hand. David Heim is a true American patriot. As an international spy for the Allied Forces during the height of the Cold War, he and his partner rescued more defectors from behind the Iron Curtain of East Germany and Czechoslovakia than any other agent. He was a member of the Olympic Organizing Committee and helped bring the 1980 Olympic Games to Lake Placid. As Deputy Director of Protocol he assisted in bringing the undefeated Soviet hockey team to the Olympics, where a team of American college kids shocked the world in "The Miracle Game." As a goodwill gesture when he became Executive Director of USA Bobsled, he helped create the Jamaican Bobsled Federation which was portrayed in the Disney movie, "Cool Runnings." Angel of Lake Placid will tug at every emotion in your being. It is a nail-biting thriller of international intrigue and espionage. You will relive the greatest victory in the history of sports and chant "USA! USA!". It chronicles the humorous trials and tribulations of the Jamaicans vying for a spot in the Calgary Winter Olympics. And you will both cry and cheer for this little family in a tiny town called Lake Placid. One of the best true stories you will ever read.

KITCHEN CABINETS MADE SIMPLE

Taunton Press "Kitchen Cabinets Made Simple" demystifies kitchen cabinet construction and makes it possible for the dedicated do-it-yourselfer to build new cabinets for a fraction of the cost of buying them. Includes a companion DVD with step-by-step video tutorials.

THE COMPLETE GUIDE TO SKETCHUP PRO: AII YOU NEED TO KNOW FOR MASTERING SKETCHUP PRO, USING THE POWER OF EXTENSION AND LAYOUT

A modern, comprehensive, and practical guide to help you master SketchUp. Whether you are looking to learn the basics or hone your skills and get winning tips, The Complete Guide to SketchUp Pro will give you the tools you need. This guide encompasses the entire software, demonstrates the complete set of commands, and is accompanied by examples, exercises, and screenshots. It is adapted to all versions of SketchUp and is suitable for professionals of the extended design community. In this step-by-step guide you will learn: how to incorporate advanced commands how to create an impressive presentation how to export data, while emphasizing the correct and most efficient ways of working in SketchUp Yael Kedem, interior designer, founder, and owner of SketchUp Center in Israel has a rich experience of mentoring thousands of people. In her book, she shares her knowledge to help you make your wild design ideas a simple reality.

GOOGLE SKETCHUP 8 FOR DUMMIES

John Wiley & Sons Go 3D with Google's exciting architectural design software for Mac and Windows Whether you need to learn 3D modeling for business or you're just eager to see what you can create, Google SketchUp and Google SketchUp 8 For Dummies are for you. Available in both a free hobbyist version and a full-featured professional version, SketchUp explodes the myth that 3D modeling software must be complicated to learn and use. This book will take you step by step through downloading and using both versions on both Mac and Windows. There are even video walkthroughs on the companion Web site. Google's exciting 3D modeling software offers hobbyists as well as architects, engineers, and industrial designers a less complicated tool for architectural rendering, urban planning, set design, game design, and other uses This guide explains both the free and professional versions for both Windows and Mac Covers the basic concepts of 3D modeling and how to build a 3D model, print or share your work online, export your drawing to another design package or Google Earth, and create a detailed set of plans Companion Web site features video walkthroughs Google SketchUp 8 For Dummies gets you up and running with 3D modeling quickly and easily.

PRACTICAL SHOP MATH

SIMPLE SOLUTIONS TO WORKSHOP FRACTIONS, FORMULAS + GEOMETRIC SHAPES

Fear not, workshop math is not something to be scared of or avoided; Practical Shop Math covers it all from the basic to the advanced. By its very nature, woodworking requires a basic understanding of math. Various numbers, in the form of thickness, width, and length dimensions, are used to describe the physical size of a a woodworking project and its component parts. Inevitably, these dimensions -written as whole numbers, fractions, and decimals - must be added, subtracted, multiplied, and divided in order to cut and assemble the project. Although math is an essential part of woodworking, a surprising number of crafters feel intimidated when working with decimals, fractions, geometry, and formula. Fear not; workshop math is not something to be scared of or avoided. Woodworking involves a lot of math and you'll be at a disadvantage in the workshop if you don't know or can't remember how to do basic calculations. Even if you do know how to work with fractions, decimals, and geometric shapes, this tremendously handy and comprehensive guide from a Tom Begnal, a life-long woodworker and former editor at Fine Woodworking, Woodworker's Journal, and ShopNotes, will increase your capabilities in the workshop many times over. With Practical Shop Math, you'll discover simple, but non-condescending approaches for everything from adding fractions and decimals to laying out ellipses, octagons, and other shapes that will expand your design repertoire. In addition, Practical Shop Math focuses on the things that you think should be simple, but can drive you nuts: tasks such as enlarging grid patterns, determining miter angles for polygons, dividing angles and arcs, calculating board feet and the amount of finishes you need to complete a project, and so on. Included is a very useful trick for converting a furniture photo from a magazine or catalog into a dimensional drawing that you can use for building your next project. Practical Shop Math covers it all from the basic to the advanced. In the end, if you sum up the benefits of this resourceful reference, it makes for a great addition to any workshop.

INTRODUCTION TO GOOGLE SKETCHUP

John Wiley & Sons The 2nd edition of Chopra's Google SketchUp provides key pedagogical elements, which help prepare readers for the workforce. The content provides real-world and applied material including better PowerPoint presentations and how-to animations. Additional features include updated content to reflect software upgrades and market use; new pedagogy elements and interior design; and more robust resources that will are appropriate for different users of Google Sketch. The book also addresses the similarities between the adapted title, Google SketchUp 8 for Dummies, and Google SketchUp 2. This includes a title that contains the core content and basic software how-to from For Dummies; revised TOC to reflect the course; and new material developed/written by writer and academic advisors/reviewers. This edition goes beyond the basic software use to teach on portions of SketchUp.

DIAGRAMMING THE BIG IDEA

METHODS FOR ARCHITECTURAL COMPOSITION

Routledge As a beginning design student, you need to learn to think like a designer, to visualize ideas and concepts, as well as objects. In the second edition of Diagramming the Big Idea, Jeffrey Balmer and Michael T. Swisher illustrate how you can create and use diagrams to clarify your understanding of both particular projects and organizing principles and ideas. With accessible, step-by-step exercises that interweave full color diagrams, drawings and virtual models, the authors clearly show you how to compose meaningful and useful diagrams. As you follow the development of the four project groups drawn from the authors' teaching, you will become familiar with architectural composition concepts such as proportion, site, form, hierarchy and spatial construction. In addition, description and demonstration essays extend concepts to show you more examples of the methods used in the projects. Whether preparing for a desk critique, or any time when a fundamental insight can help to resolve a design problem, this new and expanded edition is your essential studio resource.

MEASURE TWICE, CUT ONCE

SIMPLE STEPS TO MEASURE, SCALE, DRAW AND MAKE THE PERFECT CUT-EVERY TIME.

Penguin The First Book a Woodworker Needs! Professional woodworker Jim Tolpin offers solid instruction on the principles of measurement and proportion, walking you through every step of the woodworking process. From design and layout to developing a cutting list, his easy-to-follow style introduces a variety of tools (new and old) used to transfer measurements accurately to the wood. You'll learn the best cutting techniques, how to prevent mistakes before they happen, and for those unavoidable mistakes, you'll learn how to fix them so no one will know!

DRAFTING AND DESIGN FOR WOODWORKERS

A PRACTICAL GUIDE TO TRADITIONAL AND DIGITAL METHODS

Popular Woodworking Books **Draw Before You Saw &break;&break;Before you start cutting wood, you need a plan. With this fully illustrated guide to the design and drafting process you'll learn how to draw multiple views of your project so every detail gets worked out before you make the first cut. &break;&break;Whether you're using Computer Aided Design (CAD) programs or free software such as Google SketchUp, this book will walk you through the basics and help you choose the best software to meet your needs. You'll be drawing in 3D in no time! &break;&break;From putting your ideas and designs on paper or the screen to developing your designs into a project you can build, Drafting and Design for Woodworkers is your trusted guide to the design process and putting your drawings to work.**

A NEED-TO-KNOW APPROACH TO SKETCHUP

A NEW PERSPECTIVE

SketchUp is a versatile, intuitive 3D drawing package. Although the workspace has a familiar feel, many beginners find their SketchUp drawing experiences to be frustrating, at best. This book's unique approach focuses on how and why SketchUp works the way it does, rather than focusing on more familiar details. You'll learn about the menus, tools and windows along the way, always with an eye to SketchUp's unique twist on these familiar elements. There are more than 100 short exercises with step-by-step, illustrated instructions. You'll also find videos of each exercise being completed on the companion YouTube channel: https://www.youtube.com/c/ANeedToKnowApproachtoSketchUp The goal of A Need-to-Know SketchUp is that the reader will be able to produce SketchUp drawings efficiently while avoiding common pitfalls. Once you master the essential concepts in this book, you'll be ready to extend your SketchUp proficiency in whatever direction you desire! This book uses SketchUp Make 2017, a free version of SketchUp, although the presentation applies equally well to SketchUp Pro 2021. While some details differ, the concepts also apply to SketchUp for Web.

GOOGLE SKETCHUP 7 FOR DUMMIES

John Wiley & Sons **Google SketchUp is the exciting free software package that makes 3D available to everybody. Whether you need to build 3D models for work, or you've just always wanted to explore 3D modeling, Google SketchUp was made for you. Still, it does take a bit of understanding to get started, so turn to Google SketchUp 7 For Dummies. In classic For Dummies tradition, Google SketchUp 7 For Dummies gets right to the point so you can start creating 3D models right away. You'll learn to: Set up SketchUp, learn about edges and faces, use inferences and guides, and build your first model Establish a basic end-to-end workflow for creating and sharing models Model non-boxy objects like terrain, characters, bottles, and spheres Add details like stairs, gutters, and eaves Spruce up your models with styles and shadows to add effects, make objects pop, and enhance realism Use the LayOut function to draw with vector tools, add text and callouts, and print your work Design buildings and objects, export your models to other design programs or to Google Earth, and explore 3D animation On the book's companion Web site, you'll also find a bonus chapter and videos demonstrating more about what you can do with Google SketchUp. Google SketchUp 7 For Dummies also shows you what SketchUp can and can't do, and offers tips for solving common problems. Add a new dimension to your work today!**

THE HANDMADE TEARDROP TRAILER

DESIGN & BUILD A CLASSIC TINY CAMPER FROM SCRATCH

Hit the road in style and comfort you built yourself... The road trip has been a celebrated American tradition for as long as there have been roads on which to travel. Combined with our love of the great outdoors, hitting the road in search of some peace under the stars is a goal for anyone old enough to drive -- even more so in today's hectic, wired world. Millennials and retiring boomers want to take a break,especially one that reflects their ever increasing simple and minimal mindset. Enter the Teardrop Trailer. First designed in 1930's for cars lacking power, they've remerged as a smart, aerodynamic, and eye-catching option for seeking out the quiet beauty that camping offers...but with plenty of comfort. Think of the tiny house movement going camping... Matt Berger's book The Handmade Teardrop Trailer: Design & Build a Tiny Classic Camper from Scratch hands you the keys to craft your own stylish adventure. The Handmade Teardrop Trailer guides you through the journey from sketchbook to first road trip, and will prepare you to design and build your own comfortable pull-behind Tiny Trailer. And, to achieve this you don't need much space, just a garage bay or shared workspace, and the most basic tools and materials available at your nearby hardware store or home center. Because we all have our own "get away from it all" road-trip fantasies when it comes to comfort, style, and purpose, The Handmade Teardrop Trailer will train you up like a pro on the basics of trailer design, backed up by deep research and experimentation. Illustrations provide measurements and construction details that are easy to adapt for variations in size and configuration and more than 100 step-by-step photos illuminate every detail in the design and build process. With this handy guide leading the way, you'll be shutting down the computer, storing the cellphone, and hitting the road to find some peace in a classic tiny trailer camper you built by yourself.

GREAT BOOK OF SHOP DRAWINGS FOR CRAFTSMAN FURNITURE, REVISED & EXPANDED SECOND EDITION

AUTHENTIC AND FULLY DETAILED PLANS FOR 61 CLASSIC PIECES

Fox Chapel Publishing **Great Book of Shop Drawings for Craftsman Furniture, Revised & Expanded Second Edition is a complete sourcebook of working shop drawings for 61 classic pieces of American furniture. Whether known as Craftsman, Arts & Crafts, or Mission, these sturdy, straightforward and immensely popular designs have graced American homes for more than 100 years. The author, a master cabinetmaker, measured original Craftsman antiques to create these detailed plans. This revised new paperback edition is compiled from three of his previous books: Shop Drawings for Craftsman Furniture; Shop Drawings for Craftsman Inlays & Hardware; and More Shop Drawings for Craftsman Furniture. Every type of furniture is represented here: from trestle tables, love seats, and nightstands to corner cabinets, rockers, tabourets and more. With perspective views, elevations, sections, details, and cutting lists, this book gives woodworkers the heart of the Craftsman aesthetic, along with all the information needed for workshop success. A bonus section on inlays and hardware offers original designs that add color, lyricism, and a graceful flourish to ever-popular Craftsman furniture.**

PRACTICAL 3D PRINTERS

THE SCIENCE AND ART OF 3D PRINTING

Apress **Desktop or DIY 3D printers are devices you can either buy preassembled as a kit, or build from a collection of parts to design and print physical objects including replacement household parts, custom toys, and even art, science, or engineering projects. Maybe you have one, or maybe you're thinking about buying or building one. Practical 3D Printers takes you beyond how to build a 3D printer, to calibrating, customizing, and creating amazing models, including 3D printed text, a warship model, a robot platform, and arcade-inspired alien invaders. You'll learn about the different types of personal 3D printers and how they work; from the MakerBot to the RepRap printers like the Huxley and Mendel, as well as the whiteAnt CNC featured in the Apress book Printing in Plastic. You'll discover how easy it is to find and design 3D models using web-based 3D modeling, and even how to create a 3D model from a 2D image. After learning the basics, this book will walk you through building multi-part models with a steampunk warship project, working with meshes to build your own action heroes, and creating an autonomous robot chassis. Finally, you'll find even more bonus projects to build, including wind-up walkers, faceted vases for the home, and a handful of useful upgrades to modify and improve your 3D printer.**

DOORMAKING

MATERIALS, TECHNIQUES, AND PROJECTS FOR BUILDING YOUR FIRST DOOR

Linden Publishing **Few pieces of furniture, save perhaps chairs, work as hard as doors. Building them to last, especially exterior doors, takes knowledge and experience that don't come from making other types of furniture, such as tables and bookcases. Doormaking: Materials, Techniques and Projects for Building Your First Door by woodworker Strother Purdy gathers all the information and guidance that both beginning and intermediate woodworkers need to be successful making their first door. While covering the construction of the eight most popular doors, Doormaking: Materials, Techniques and Projects for Building Your First Door starts first by addressing the fundamentals: the basics of good design and proper construction technique, the pros-and-cons of common materials including wood and sheet goods, interior and exterior finishes, hardware and the fine points of hanging doors. Once those key elements are covered, Doormaking: Materials, Techniques and Projects for Building Your First Door offers project chapters that walk the reader step-by-step through the construction of eight essential doors, explaining design and material choices in specific contexts, tool options and other considerations. The first four projects are easily accessible to a beginner while the remaining projects offer up some more challenging details for the intermediate woodworker. Also included are sidebars containing amusing anecdotes and mistake stories – each delivering tips as well as details for hanging a door – and an inspiring gallery of doors that are sure to inspire. Doormaking: Materials, Techniques and Projects for Building Your First Door is a must for any woodworking hobbyist, professional craftsman, or DIY homeowner.**

BOSS LIFE

SURVIVING MY OWN SMALL BUSINESS

Penguin ****A Forbes Best Business Book of the Year, 2015** **Winner of the 2015 800-CEO-READ Business Book Award in Entrepreneurship** When columnist Paul Downs was approached by The New York Times to write for their "You're the Boss" blog, he had been running his custom furniture business for twenty-four years strong. or mostly strong. Now, in his first book, Downs paints an honest portrait of a real business, with a real boss, a real set of employees, and the real challenges they face. Fresh out of college in 1986, Downs opened his first business, a small company that builds custom furniture. In 1987, he hired his first employee. That's when things got complicated. As his enterprise began to grow, he had to learn about management, cash flow, taxes, and so much more. But despite any obstacles, Downs always remained keenly aware that every small business, no matter the product it makes or the service it provides, starts with people. He writes with tremendous insight about hiring employees, providing motivation to get the best out of them, and the**

difficult decisions he's made to let some of them go. Downs also looks outward, to his dealings with vendors and to providing each client with exemplary customer service from first sales pitch to final delivery. With honesty and conviction, he tells the true story behind building and sustaining a successful company in an ever-evolving economy, often airing his own failures and shortcomings to reveal the difficulties that arise from being a boss and a businessperson. Countless employees have told the story of their experience with managers—Boss Life tells the other side of that story.

THE NEW BANDSAW BOX BOOK

TECHNIQUES & PATTERNS FOR THE MODERN WOODWORKER

No woodworking project is more fun to make than a box. Requiring little material and offering lots of challenges, making a wooden box results in a satisfyingly functional project that is proudly used and displayed or given as a gift that will be cherished for years. It's no wonder boxes rank as the most popular woodworking project by beginners and advanced craftsman alike. David Picciuto, aka The Drunken Woodworker, is a huge fan of making boxes, especially with his trusty bandsaw. His Bandsaw Box You Tube videos and his Weekly Woodworking Round-up are must see viewing among the woodworking community. In his first book, The New Bandsaw Box Book: Technqiues and Patterns for the Modern Woodworker, David presents a collection of beautiful boxes that can be easily made with a bandsaw, considered by most woodworkers as the most important, versatile, and easy to use stationary tool in the workshop. Each project is captured in a modern and fresh step-by-step style that makes learning easy while David's engaging manner keeps the information accessible and light. In keeping with the younger, artisan mindset that is infiltrating the woodworking community, David concludes with his "raises a glass" toast that matches the perfect craft beer to compliment the wood and style of each completed project.

MAKING THINGS MOVE DIY MECHANISMS FOR INVENTORS, HOBBYISTS, AND ARTISTS

McGraw Hill Professional Get Your Move On! In Making Things Move: DIY Mechanisms for Inventors, Hobbyists, and Artists, you'll learn how to successfully build moving mechanisms through non-technical explanations, examples, and do-it-yourself projects--from kinetic art installations to creative toys to energy-harvesting devices. Photographs, illustrations, screen shots, and images of 3D models are included for each project. This unique resource emphasizes using off-the-shelf components, readily available materials, and accessible fabrication techniques. Simple projects give you hands-on practice applying the skills covered in each chapter, and more complex projects at the end of the book incorporate topics from multiple chapters. Turn your imaginative ideas into reality with help from this practical, inventive guide. Discover how to: Find and select materials Fasten and join parts Measure force, friction, and torque Understand mechanical and electrical power, work, and energy Create and control motion Work with bearings, couplers, gears, screws, and springs Combine simple machines for work and fun Projects include: Rube Goldberg breakfast machine Mousetrap powered car DIY motor with magnet wire Motor direction and speed control Designing and fabricating spur gears Animated creations in paper An interactive rotating platform Small vertical axis wind turbine SADbot: the seasonally affected drawing robot Make Great Stuff! TAB, an imprint of McGraw-Hill Professional, is a leading publisher of DIY technology books for makers, hackers, and electronics hobbyists.

ARCHITECTURAL DESIGN WITH SKETCHUP

3D MODELING, EXTENSIONS, BIM, RENDERING, MAKING, AND SCRIPTING

John Wiley & Sons Go beyond the basics: making SketchUp work for you Architectural Design with SketchUp, Second Edition, is the leading guide to this incredibly useful tool for architects, interior designers, construction professionals, and makers. With easy to follow tutorials that first brush up on the basics of the program and then cover many advanced processes, this resource offers both informative text and full-color illustrations to clearly convey the techniques and features you need to excel. The updated second edition has a new chapter that explains how to make things with SketchUp, and covers 3D printing, design to fabrication, CNC milling, and laser cutting. Other chapters also now cover Building Information Modeling (BIM) and 3D web content generation. Additionally, the revised text offers insight into the latest products and plugin extensions, navigation methods, import/export options, and 3D model creation features to ensure you have an up to date understanding of how to make SketchUp help you meet your project goals. A leading 3D modeling application, SketchUp features documentation capabilities through photorealistic renderings and construction drawings. Because of its ease of use and ability to be enhanced with many plugin extensions for project-specific applications, SketchUp is considered the tool of choice for professionals in the architecture, interior design, construction, and fabrication fields. Access thoroughly updated information in an easy to understand writing style Increase your efficiency and accuracy when using SketchUp and refresh and supplement your understanding of SketchUp's basics Explore component-based modeling for assembly, scheduling, collaborative design, and modeling with a BIM approach Find the right plugin extensions and understand how to best work with them See how easy it is to generate presentation-ready renderings from your 3D models Learn how you can use 3D printing, CNC milling, and laser cutting to make things with SketchUp Use cookbook-style Ruby coding to create amazing 3D objects Supplement your knowledge with video tutorials, sample files, and Ruby scripts via a robust companion website Architectural Design with SketchUp, Second Edition, is an integral resource for both students and professionals working in the architecture, interior design, construction, and fabrication industries.

THE SKETCHUP WORKFLOW FOR ARCHITECTURE

MODELING BUILDINGS, VISUALIZING DESIGN, AND CREATING CONSTRUCTION DOCUMENTS WITH SKETCHUP PRO AND LAYOUT

John Wiley & Sons A guide for leveraging SketchUp for any project size, type, or style. New construction or renovation. The revised and updated second edition of The SketchUp Workflow for Architecture offers guidelines for taking SketchUp to the next level in order to incorporate it into every phase of the architectural design process. The text walks through each step of the SketchUp process from the early stages of schematic design and model organization for both renovation and new construction projects to final documentation and shows how to maximize the LayOut toolset for drafting and presentations. Written by a noted expert in the field, the text is filled with tips and techniques to access the power of SketchUp and its related suite of tools. The book presents a flexible workflow method that helps to make common design tasks easier and gives users the information needed to incorporate varying degrees of SketchUp into their design process. Filled with best practices for organizing projects and drafting schematics, this resource also includes suggestions for working with LayOut, an underused but valuable component of SketchUp Pro. In addition, tutorial videos compliment the text and clearly demonstrate more advanced methods. This important text: Presents intermediate and advanced techniques for architects who want to use SketchUp in all stages of the design process Includes in-depth explanations on using the LayOut tool set that contains example plans, details, sections, presentations, and other information Updates the first edition to reflect the changes to SketchUp 2018 and the core functionalities, menus, tools, inferences, arc tools, reporting, and much more Written by a SketchUp authorized trainer who has an active online platform and extensive connections within the SketchUp community Contains accompanying tutorial videos that demonstrate some of the more advanced SketchUp tips and tricks Written for professional architects, as well as professionals in interior design and landscape architecture, The SketchUp Workflow for Architecture offers a revised and updated resource for using SketchUp in all aspects of the architectural design process.

SKETCHUP FOR SITE DESIGN

A GUIDE TO MODELING SITE PLANS, TERRAIN, AND ARCHITECTURE

John Wiley & Sons The site designer's guide to SketchUp's powerful modeling capabilities SketchUp for Site Design is the definitive guide to SketchUp for landscape architects and other site design professionals. Step-by-step tutorials walk you through basic to advanced processes, with expert guidance toward best practices, customization, organization, and presentation. This new second edition has been revised to align with the latest software updates, with detailed instruction on using the newest terrain modeling tools and the newly available extensions and plug-ins. All graphics have been updated to reflect the current SketchUp interface and menus, and the third part of the book includes all-new content featuring the use of new grade and terrain extensions. Developed around the needs of intermediate professional users and their workflows, this book provides practical all-around coaching on using SketchUp specifically for modeling site plans. SketchUp was designed for usability, with the needs of the architect, industrial designer, and engineers at center stage. This book shows you how the software's powerful terrain and grade functions make it an ideal tool for site designers, and how to seamlessly integrate it into your workflow for more efficient design and comprehensive planning. Master the SketchUp basics, navigation, components, and scripts Turn 2D sketches into 3D models with volume, color, and material Create detailed site plans, custom furnishings, gradings, and architecture Learn sandbox tools, organization strategies, and model presentation tips SketchUp has undergone major changes since the publication of this guide's first edition, with its sale to Trimble Navigation bringing about a number of revisions and the availability of more immediately useful features. SketchUp for Site Design shows you how to harness the power of this newly expanded feature set to smooth and optimize the site design workflow.

MEANINGFUL MAKING 2

PROJECTS AND INSPIRATIONS FOR FAB LABS AND MAKERSPACES

Meaningful Making 2 is a second volume of projects and strategies from the Columbia University FabLearn Fellows. This diverse group of leading K-12 educators teach in Fab Labs, makerspaces, classrooms, libraries, community centers, and museums--all with the goal of making learning more meaningful for every child. A learning revolution is in the making around the world. Enthusiastic educators are using the new tools and technology of the maker movement to give children authentic learning experiences beyond textbooks and tests. The FabLearn Fellows work at the forefront of this movement in all corners of the globe. In this book, the FabLearn Fellows share all new inspirational lesson ideas, strategies, and recommended projects across a broad range of age levels. Illustrated with color photos of real student work, the Fellows take you on a tour of the future of learning, where children make sense of the world by making things that matter to them and their communities. To read this book is to rediscover learning as it could be and should be--a joyous, mindful exploration of the world, where the ultimate discovery is the potential of every child.

SKETCHUP TO LAYOUT

Create beautiful 3D models and presentations with SketchUp Pro and LayOut. SketchUp to LayOut, 2nd edition is a complete beginner's guide for learning SketchUp and LayOut. Effortlessly turn your ideas into 3D models using SketchUp, then document them in SketchUp's companion drawing program, LayOut. Even if you've never designed in 3D before, this

book will guide you step by step.In addition to developing a complete understanding of SketchUp and LayOut basics, you'll learn advanced topics that will build upon your new skills: Learn the five steps to creating scenes in SketchUp that will give you full control over the look of your SketchUp models in LayOut.Master the most important modeling concepts, such as model organization, object visibility, tag theory, and level of detail, to become more efficient and enable faster editing of your projects.Discover several advanced techniques to develop custom workflows that work best for you and your preferences. The only book you'll need to master SketchUp & LayOut!

THE STEAMY KITCHEN COOKBOOK

101 ASIAN RECIPES SIMPLE ENOUGH FOR TONIGHT'S DINNER

Tuttle Publishing **You will absolutely love the 101 Asian recipes in this easy-to-use cookbook. This engaging cookbook includes dozens upon dozens of full-proof Asian recipes that are quick and easy to do—all in time for tonight's supper! The recipes will appeal to Americans' growing interest in Asian cuisines and a taste for foods that range from pot stickers to bulgogi burgers and from satay to summer rolls. Whether you're hurrying to get a weekday meal on the table for family or entertaining on the weekend, author and blogger (steamykitchen.com) Jaden Hair will walk you through the steps of creating fresh, delicious Asian meals without fuss. In an accessible style and a good splash of humor, Jaden takes the trauma out of preparing "foreign" Asian recipes. With Jaden's guiding hand, you'll find it both simple and fun to recreate Asian flavors in your own kitchen and to share the excitement of fresh Asian food with your family and friends! Asian recipes include: Firecracker Shrimp Pork & Mango Potstickers Quick Vietnamese Chicken Pho Beer Steamed Shrimp with Garlic Korean BBQ-style Burgers Maridel's Chicken Adobo Simple Baby Bok Choy and Snow Peas Chinese Sausage Fried Rice Grilled Bananas with Chocolate and Toasted Coconut Flakes**

HOW MY MIND HAS CHANGED

ESSAYS FROM THE CHRISTIAN CENTURY

Wipf and Stock Publishers **In this book, which continues a renowned series of essays published in the Christian Century, thirteen prominent Christian theologians speak--in unusually personal voices--of their journeys of faith and of the questions that have shaped their writing and scholarship. Reflecting a variety of theological positions and approaches, these essays feature decisive encounters with prayer, scriptural tradition, struggles for justice, and religious and cultural diversity. Some of these "changes of mind" include a change in denominational allegiance, others reflect a shift in method or emphasis prompted by experiences inside or outside the church. Some of the essays display a long-term theological project that unfolds or deepens in changing circumstances. All display the renewed vitality of theology in the postmodern context. Contributors include Paul Griffiths, Sarah Coakley, Mark Noll, Nicholas Wolterstorff, Carol Zaleski, Kathryn Tanner, Scott Cairns, Robert Jenson, Emilie Townes, Peter Ochs, David Ford, Douglas John Hall, and Max Stackhouse.**

THE WORKBENCH BOOK

Taunton Press **"If I only bought one woodwork book, this first and definitive book on the workbench would be it".--"Woodworker Magazine". 278 color photos. 185 drawings.**

SKETCHUP FOR INTERIOR DESIGN

3D VISUALIZING, DESIGNING, AND SPACE PLANNING

John Wiley & Sons **A practical guide to SketchUp addressing the specific needs of interior designers Already a common and popular tool for architects and landscape architects, SketchUp is increasingly finding a place in the professional workflow of interior designers. SketchUp for Interior Design is a practical introduction for interior designers and students who want to learn to use the software for their unique needs. The book covers the basics of creating 3D models before showing how to create space plans, model furniture, cabinetry, and accessories, experiment with colors and materials, incorporate manufacturers' models into project plans, and create final presentations and animated walk-throughs for clients. Each chapter includes clear explanations and helpful illustrations to make this an ideal introduction to the topic. Includes downloadable sample models and 39 tutorial videos Features sample questions and activities for instructors and additional online resources for students and self-learners Provides instruction on using SketchUp in both PC and Mac formats**

RENDERING IN SKETCHUP

FROM MODELING TO PRESENTATION FOR ARCHITECTURE, LANDSCAPE ARCHITECTURE, AND INTERIOR DESIGN

John Wiley & Sons **The sure way for design professionals to learn SketchUp modeling and rendering techniques Rendering In SketchUp provides instructions for creating 3D photoreal graphics for SketchUp models using integrated rendering programs. The book serves as a beginner rendering manual and reference guide to further develop rendering skills. With an emphasis on step-by-step process, SketchUp users learn a universal approach to rendering varied SketchUp projects, including architecture, interiors, and site design models. The book focuses on tasks and principles at the core of photorealistic rendering, including: Rendering process: Learn a step-by-step process focused on workflow within SketchUp's familiar workspace. Universal method: Understand how the process can be used to work with a variety of different integrated rendering programs, including Shaderlight, SU Podium and Twilight Render**. These programs are easy to learn and function in SketchUp. > Textures and materials: Discover how to obtain, apply and edit texture images representing surfaces. Component details: Learn how to acquire and organize model details to allow for rich, expressive settings while maintaining computer and SketchUp performance. Exterior and simulated lighting: Learn to set exterior lighting with the SketchUp's Shadow menu or illuminate a scene with simulated lights, lamps, and bulbs. Render settings: Use specific settings for various rendering programs to quickly set texture character, image quality, and graphic output. Computer specifications: Find out how computers produce renders and the type of computer hardware required to streamline the process. Photoshop post-processing: Learn how to further refine rendered images in Photoshop. **Free online chapters: The book reviews specific settings for SketchUp and the rendering plug-in Shaderlight. Given the ever-changing nature of technology, free, online accompanying chapters detail settings for additional integrated rendering programs including SU Podium, Twilight Render, and more.**

FOUNDATIONS OF WOODWORKING

Taunton Press **"Foundations of Woodworking gets to the very core of the craft of woodworking: laying out, cutting, and assembling joinery for furniture and other treasured wood objects. After an introductory chapter on the basic woodworking strategies that apply to anything you might build, Pekovich dives into a step-by-step, project-by-project description of the essential wood joints, from rabbets and dadoes through mortise and tenons to dovetails and miters. Master these joints--with a combination of hand tools and power tools--and the door is open to create just about any design you can think of"--**

MAKE YOUR OWN KITCHEN TOOLS

SIMPLE & STYLISH WOODEN PROJECTS FOR EVERYDAY USE

There's nothing more satisfying to a woodworker than using handmade kitchen tools in their busy kitchen... For a woodworker there's nothing more satisfying than a project that can be quickly made in a weekend that will get years of daily use. And, out of all the rooms in the house, it's the kitchen that has the most potential for custom made accessories and utensils that will deliver a hard day's work. From the Make Something workshop of David Picciuto, Make Your Own Kitchen Tools offers up a collection of projects that will give your kitchen a handmade feel while also being part of your daily prep and serving of the day's meals and snacks. Whether you have a shop full of tools or just a couple of handsaws and a knife, Make Your Own Kitchen Tools has a project for you, each designed with simplicity and style in mind. The tools and techniques required, likewise, are simple and straight-forward: all you need are basic tools and there's no complex joinery to slow you down. To guarantee success, each step is beautifully photographed and written in David Picciuto's trademark straightforward and easy-to-follow style. Whether you follow along each project step-by-step or get inspired to add your own creative spin, Make Your Own Kitchen Tools will have you putting your woodworking to use every day - or proudly giving that friend or loved one a gift they'll really cherish.

FUNDING PUBLIC SCHOOLS IN THE UNITED STATES AND INDIAN COUNTRY

IAP **The National Education Finance Academy (NEFA) has completed a project providing a one- of-a-kind practical book on funding P-12 education in the United States. The book, entitled Funding Public Schools in the United States and Indian Country is a single volume with a clear and short chapter about each state. Approximately 50% of chapters are authored by university faculty who are members of NEFA; approximately 25% of chapters are authored by state department of education officials and/or state school board association officials; and the remaining 25% of chapters are authored by ASBO affiliate states. Each chapter contains information about: • Each state's aid formula background; • Basic support program description and operation (the state aid formula) including how school aid is apportioned (e.g., state appropriations, local tax contributions, cost share ratios, and more); • Supplemental funding options relating to how school districts raise funds attached to or above the regular state aid scheme; • Compensatory programs operated in school districts and how those are funded and aided; • Categorical programs operated in school districts and how those are funded and aided; • Any funding supports for transportation operations; • Any funding supports for physical facilities and operations; and • Other state aids not covered in the above list.**

ARCHITECTURAL GRAPHICS

Elsevier **Architectural Graphics focuses on the techniques, methodologies, and graphic tools used in conveying architectural ideas. The book takes a look at equipment and materials, architectural drafting, and architectural drawing conventions. Discussions focus on drawing pencils, technical drawing pens, set squares/templates, circle templates/compasses, line weight/line types, drafting technique, drawing circular elements, floor plan, doors and windows in plan, stairs, wall indications, plan grids, and site boundaries. The manuscript examines rendition of value and context and graphic symbols and lettering. Topics include tonal values, media and techniques, value/texture rendition, material rendition, shades and shadows, people, furniture, graphic representation symbols, and hand lettering. The text explores freehand drawing and architectural presentations, including freehand**

sketching, graphic diagraming, and sketching equipment. The publication is a valuable reference for architects interested in doing further studies in architectural graphics.

SKETCHUP GUIDE FOR WOODWORKERS

ADVANCED TECHNIQUES