



The Makerspace Workbench: Tools, Technologies, and Techniques for Making

By Adam Kemp

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Create a dynamic space for designing and building DIY electronic hardware, programming, and manufacturing projects. With this illustrated guide, you'll learn the benefits of having a Makerspace—a shared space with a set of shared tools—that attracts fellow makers and gives you more resources to work with. You'll find clear explanations of the tools, software, materials, and layout you need to get started—everything from basic electronics to rapid prototyping technology and inexpensive 3D printers.

A Makerspace is the perfect solution for many makers today. While you can get a lot done in a fully-decked out shop, you'll always have trouble making space for the next great tool you need. And the one thing you really miss out on in a personal shop is the collaboration with other makers. A Makerspace provides you with the best of both worlds.

Perfect for any maker, educator, or community, this book shows you how to organize your environment to provide a safe and fun workflow, and demonstrates how you can use that space to educate others.

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Editorial Review

Review

"I have just finished reading Adam Kemp's 'The Makerspace Workbench,' and I'm enormously impressed. He has a command of a very broad range of tools and skills, and his guidance will save both novice and experienced Makers a good deal of trial and error. Kemp discusses complicated equipment like laser cutters and 3D printers in depth, but does not let the glamor of high tech run away with the show. His discourse on clamps and tape, for example, was a revelation and explained clearly why they behave the way they do and the applications in which they will be the most useful. In short, this is a fantastic book and already has earned a location on the shelf in our Makerspace."

-- **David Rossell**

Director of Technology, Holton-Arms School

About the Author

Adam Kemp is a high school teacher who has been teaching courses in Energy Systems, Systems Engineering, Robotics, and Prototyping since 2005. He is Energy Systems Lab Director at Thomas Jefferson High School for Science and Technology and the author of the "Ask an Educator" column on Adafruit Industries' blog.

Users Review

From reader reviews:

Gabriel Cleveland:

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