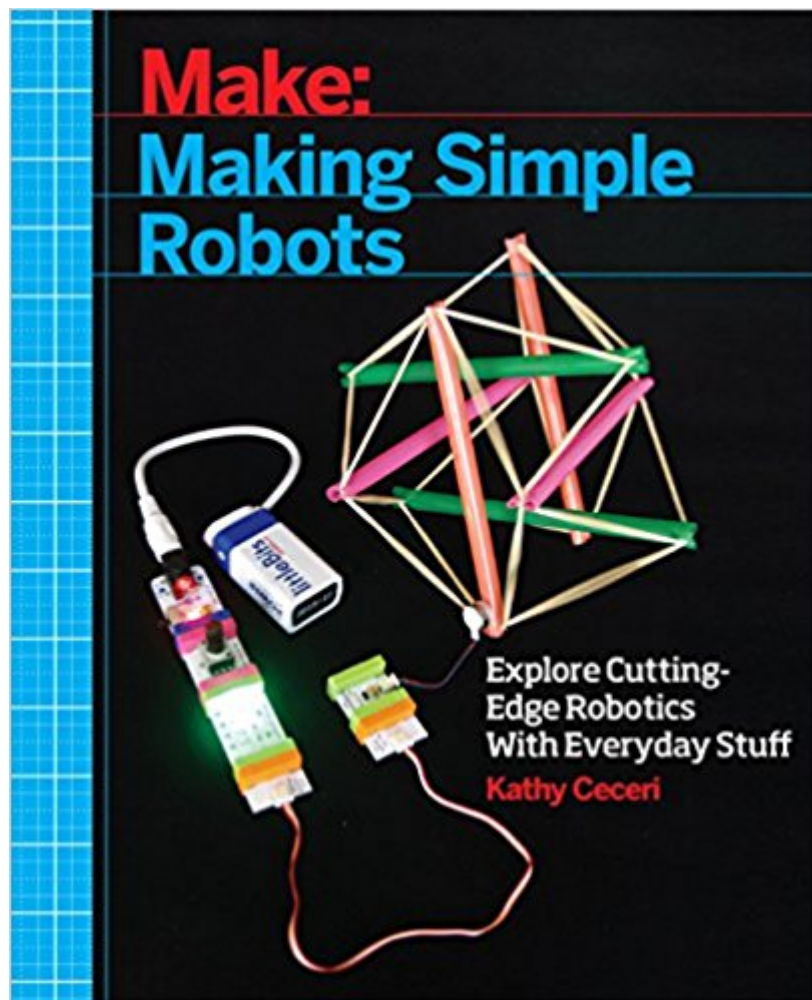




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Making Simple Robots: Exploring Cutting-Edge Robotics With Everyday Stuff



Synopsis

Making Simple Robots is based on one idea: Anybody can build a robot! That includes kids, school teachers, parents, and non-engineers. If you can knit, sew, or fold a flat piece of paper into a box, you can build a no-tech robotic part. If you can use a hot glue gun, you can learn to solder basic electronics into a low-tech robot that reacts to its environment. And if you can figure out how to use the apps on your smart phone, you can learn enough programming to communicate with a simple robot. Written in language that non-engineers can understand, Making Simple Robots helps beginners move beyond basic craft skills and materials to the latest products and tools being used by artists and inventors. Find out how to animate folded paper origami, design a versatile robot wheel-leg for 3D printing, or program a rag doll to blink its cyborg eye. Each project includes step-by-step directions as well as clear diagrams and photographs. And every chapter offers suggestions for modifying and expanding the projects, so that you can return to the projects again and again as your skill set grows.

Book Information

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Customer Reviews

Still pretty much entry level. More craft-ish than what kids will identify with as robotics. The same author's Robotics covers much of the same ground and was a bit more kid friendly. I also wasn't a fan of relying on the Little Bits platform for simple circuits. That makes it pretty expensive to do the projects as described, or else you have to figure out how to do it with stand-alone circuits. Not difficult but annoying..

Fantastic. Perfect inspiration for my three children, we are setting up a maker station in our home and we are loving this book.

Just as described.

A little more adult-oriented than I'd hoped. I will probably get her other book since I wanted some projects I could do with kids.

This book is awesome! We just purchased littleBits for robotics and this is a great added resource.

great ideas for STEM

Very creative and informative.

Satisfied

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