

The LEGO MINDSTORMS NXT Idea Book



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If you're serious about having fun with LEGO robotics, you've come to the right place. The team behind The NXT STEP blog - the authoritative online source for MINDSTORMS NXT information and advice - has packaged its considerable skills and experience in this book. Inside, you'll find some of the team's best ideas for creating

cool and sophisticated models, including instructions for eight robots you can build yourself. Follow along with the MINDSTORMS NXT experts as they explain the fundamentals of programming and design, accompanied by CAD-style drawings and an abundance of screenshots that make it easy for you to master the MINDSTORMS NXT system. You'll get an overview of the NXT parts (beams, sensors, axles, gears, and so on) and clear instructions for combining them to build and program working robots. The LEGO MINDSTORMS NXT Idea Book delves into the complexities of the NXT programming language (NXT-G) and offers tips for designing and programming robots, using Bluetooth, creating an NXT remote control, troubleshooting, and much more. Here are just a few of the robots you'll learn to build in The LEGO MINDSTORMS NXT Idea Book: RaSPy, a robot that plays Rock, Scissors, Paper 3D PhotoBot, a robot that will help you take photographs that can be converted into 3D images Slot Machine, complete with flashing lights and a lever ScanBot, a robot that scans black-and-white pictures and displays the images on the NXT's LCD Beach Buggy Chair, a roving, rambling robot CraneBot, a crane-like grabbing robot LEGO fans of all ages will find this book to be an ideal jumping off point for doing more with MINDSTORMS NXT. The only ingredient you need to add is your imagination!

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