

LEGO MINDSTORMS NXT One-Kit Wonders: Ten Inventions to Spark Your Imagination

James Floyd Kelly, Matthias Paul Scholz, Christopher R. Smith, Martijn Boogaarts, Jonathan Daudelin, Eric D. Burdo, Laurens Valk, BlueTooth Kiwi

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The creative minds behind The NXT STEP blog are back with a brand-new collection of innovative robots. Whether you're just getting started with LEGO robotics or have been building and programming robots for years, *LEGO MINDSTORMS NXT One-Kit Wonders* is packed with new and exciting techniques, advice, and robots that guarantee awesome results. And best of all, you'll only need one NXT Retail kit to build all ten of them!

LEGO MINDSTORMS NXT One-Kit Wonders will make it simple for you to construct even the most complex of these ten robots, all while you learn the ins and outs of the NXT kit. You'll learn to build and program:

- CandyPicker, a candy-picking robot with built-in generator and remote control
- PunchBot, a robot that you program using old-fashioned punchcards
- M, a robot that sorts your M&M candies by color
- NXT Dragster, a super-fast racecar that will take you all the way to the drag strip
- BobBot, a versatile skid-steer loader, equipped with a ball grabber or demolition claw
- RoboLock, a security system for your robots
- The Hand, a robotic replacement hand to protect you from those dangerous cleanup jobs, like picking up your brother's gym socks
- SPC, a robotic vehicle that can park itself between two objects using front-wheel drive
- GrabBot, a robot that finds, grabs, lifts and moves objects autonomously
- The Bike, a two-wheeled robot that can balance and steer

Armed with the knowledge you gain from this book, you'll be inventing your own amazing creations in no time.

Requirements: One LEGO MINDSTORMS NXT set (LEGO set #8527). Make sure you have this set, and *not* the NXT **2.0** set (#8547), which has different building elements.

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Amanda Despain:

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Erica Lewis:

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Irene Gamino:

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