

PROGRAMMING AND CODING



Benson, Pete

111408 Scratch. Helps children design computer games, animations, and interactive stories from the ground up and share them with people around the world. *21st Century Skills Innovation Library. Makers As Innovators.* il. [IL 10-14] 32 pages Cherry Lake 2016 794. B (AR) \$22.59

Bers, Marina Umaschi

116752 Official ScratchJr Book: Help Your Kids Learn To Code! Thirty step-by-step activities with easy-to-follow directions helps kids develop computational thinking, problem-solving, and design skills. il. [IL 7-10] 143 pages No Starch 2016 005. B \$21.89

Briggs, Jason R.

151224 Python For Kids: A Playful Introduction To Programming. Brings Python to life in expressive programming language that's easy to learn and fun to use! il. Lipovaca, Miran. [IL 9-13] 318 pages No Starch 2013 005. \$32.39

055128 Coding For Kids: Create Your Own Video Games With Scratch. Kids can approach coding while having fun using Scratch 2.0. il. Figus, Valentina. [IL 8-12] 96 pages White Star Kids 2017 005. \$16.99

845530 Coding Projects In Python. A straightforward guide that shows young learners how to build their own computer projects using Python. il. [IL 9-12] 224 pages DK Publishing 2017 005. \$21.89

Harris, Patricia

421846 Understanding Coding With Lego Mindstorms. An introduction to Lego Mindstorms which allows users to familiarize themselves with manipulating and customizing computer hardware and software. *Kids Can Code.* il. [IL 9-13] 24 pages PowerKids 2016 629. L \$26.30

421847 Understanding Coding With Minecraft. An introduction to Minecraft which allows users to practice STEM skills while having fun. *Kids Can Code.* il. [IL 9-13] 24 pages PowerKids 2016 794. L \$26.30

421848 Understanding Coding With Ruby. An introduction to Ruby, an open-source software, meaning anyone can use, modify, and distribute it. *Kids Can Code.* il. [IL 9-13] 24 pages PowerKids 2016 005. L \$26.30

421863 What Is HTML Code? Shows readers how HTML provides the front end for even the biggest websites, gets them started on simple page design, the history, key figures who made it possible, and more. *Spotlight On Kids Can Code.* il. [IL 8-12] 24 pages PowerKids 2018 006. \$16.15

Hixon, Rena

447588 Mindstorms: Level 1. Learn the basics of Mindstorms, from building your first robot to programming its first movements. *21st Century Skills Innovation Library. Unofficial Guides.* il. [IL 9-13] 32 pages Cherry Lake 2016 629. L \$22.59

447594 Mindstorms: Level 2. Find out how to use the Mindstorms brick and display, and learn how to have a robot tell light from dark and to sense touch. *21st Century Skills Innovation Library. Unofficial Guides.* il. [IL 9-13] 32 pages Cherry Lake 2016 629. L \$22.59

447597 Mindstorms: Level 3. Find out how to use the Mindstorms brick and display, and learn how a robot can tell light from dark and sense touch. *21st Century Skills Innovation Library. Unofficial Guides.* il. [IL 9-13] 32 pages Cherry Lake 2016 629. L \$22.59

447598 Mindstorms: Level 4. Explore advanced techniques in Mindstorms, from programming a series of movements to collecting and analyzing robot data. *21st Century Skills Innovation Library. Unofficial Guides.* il. [IL 9-13] 32 pages Cherry Lake 2016 629. L \$22.59

Hutt, Sarah

475517 Code It! Create It!: Ideas & Inspiration For Coding. Whatever your interests are, this book will guide you through your brainstorming process, provide inspiration, and teach you basic coding concepts. *Girls Who Code.* il. Vaughan, Brenna. [IL 8-12] 112 pages Penguin Young Readers 2017 005. \$14.21

Lyons, Heather (Heather K.)

591546 Coding, Bugs, And Fixes. Learn coding basics in this kid-friendly, easy-to-follow book. It covers algorithms, loops, bugs, and fixes using real-world examples and fun illustrations. Online and offline activities also boost learning and skills. *Kids*

Get Coding. il. Westgate, Alex. [IL 7-10] 24 pages Lerner 2017 005. Q \$26.58

591564 Learn To Program. Learn programming basics in this kid-friendly, easy-to-follow book. It covers computer languages, writing programs, bugs, and loops using real-world examples and fun illustrations. Online and offline activities also boost learning and skills. *Kids Get Coding.* il. Westgate, Alex. [IL 7-10] 24 pages Lerner 2017 005. Q \$26.58

Mara, Wil

602866 Software Development: Science, Technology, Engineering. Learn about the history of software development and find out what it takes to make it in this exciting career field. *Calling All Innovators: A Career For You.* il. [IL 10-13] 64 pages Children's 2016 005. L (AR) \$13.62

Marji, Majed

603678 Learn To Program With Scratch: A Visual Introduction To Programming With Games, Art, Science, And Math. Explains the concepts essential to solving real-world programming problems. il. [IL 9-13] 261 pages No Starch 2014 005. L \$32.39

Marquardt, Meg

604390 Coding. Describes the history and present day development of computer programming and the people that do it, ranging from students to professional programmers. Discusses the opportunities and challenges of high technology programs and their applications around the world. *Tech Bytes: High Tech.* il. [IL 9-12] 48 pages Norwood House 2018 005. \$21.89

Matteson, Adrienne

613351 Coding With ScratchJr. ScratchJr is a beginner's programming language that is fun and easy to use. Through simple text written to foster creativity and problem solving, students learn the art of innovation. *21st Century Skills Innovation Library. Makers As Innovators Junior.* il. [IL 7-10] 24 pages Cherry Lake 2017 005. \$21.89

613355 Coding With Sphero. Learn how to program Sphero robots to complete a variety of fun activities. *21st Century Skills Innovation Library. Makers As Innovators Junior.* il. [IL 7-10] 24 pages Cherry Lake 2018 629. \$21.89

Morgan, Nick

658761 Javascript For Kids: A Playful Introduction To Programming. A lighthearted introduction that teaches programming essentials through patient, step-by-step examples paired with funny illustrations. il. Lipovaca, Miran. [IL 9-13] 309 pages No Starch 2015 005. \$32.39

Quinn, Amy

736574 Coding With Lego WeDo. LEGO WeDo enables students to build and program their own robots. *21st Century Skills Innovation Library. Makers As Innovators Junior.* il. [IL 7-10] 24 pages Cherry Lake 2018 005. \$21.89

Richardson, Craig

751847 Learn To Program With Minecraft: Transform Your World With The Power Of Python. A kid-friendly introduction to programming in Python that teaches how to customize Minecraft. Readers follow short Python lessons, then write Python code to create instant visual results in the game. il. [IL 10-14] 296 pages No Starch 2016 005. \$28.89

Saujani, Reshma

779498 Girls Who Code: Learn To Code And Change The World. Bursting with down-to-earth explanations of coding principles, and real-life stories of girls and women working at places like Pixar and NASA, showing girls how coding skills are relevant to their lives. il. Tsurumi, Andrea. [IL 8-12] 168 pages Viking 2017 005. K \$20.51

Woodcock, Jon

225406 Coding Projects In Scratch. Uses fun projects to show children how to code with Scratch. il. [IL 9-12] 224 pages DK Publishing 2016 005. W \$21.91

963840 Star Wars Coding Projects. Find everything you need to know to create cool computer projects, guided by your favorite Star Wars characters. il. [IL 8-12] 96 pages DK Publishing 2017 005. \$19.81

Set S52931 _____ 27 Books @ \$625.61

(Prices subject to change) Fall 2017

www.btsb.com

