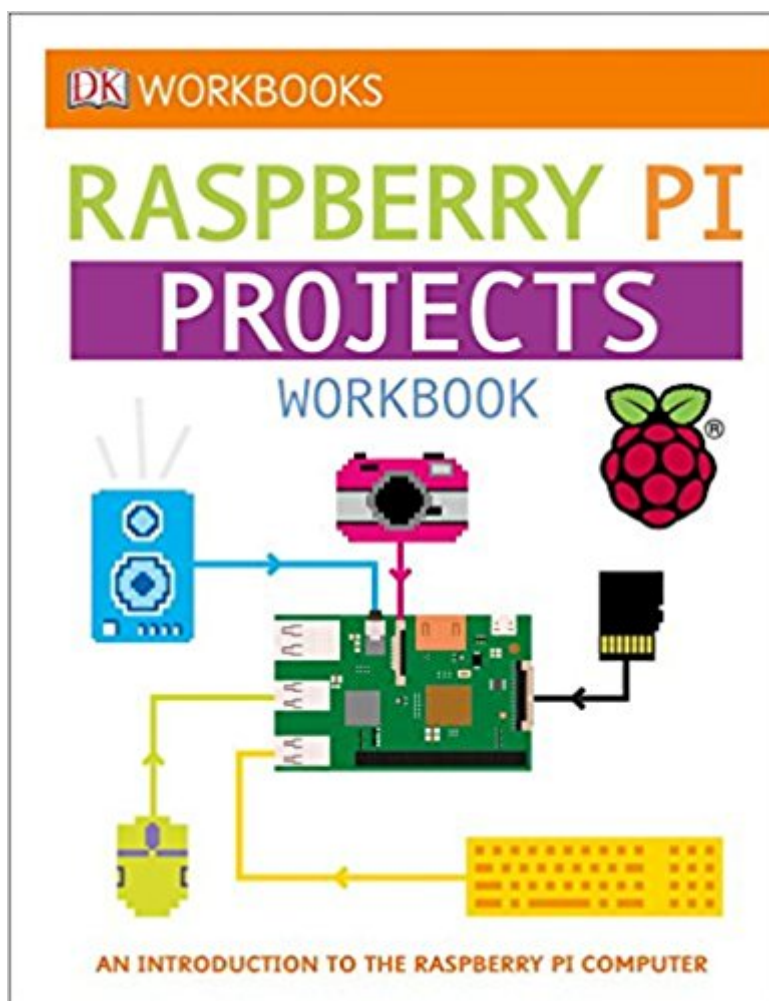


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# DK Workbooks: Raspberry Pi Projects Workbook



## Synopsis

Get kids building exciting computer projects, including games, music, and designs. Perfect for children ages 7â11 who are new to programming, this highly visual workbook is a fun introduction to Raspberry Pi, an affordable credit-card-size computer that is revolutionizing the world of computing and can help boost kids' computer skills in a new and innovative way. With easy-to-follow directions and fun pixel art, DK Workbooks: Raspberry Pi Projects helps kids understand the basics of computers, programming, and how to create cool projects in Scratch, Python, and Sonic Pi through fun, hands-on learning experiences. All they need is a Raspberry Pi computer, an SD card, an HDMI cable, a USB power supply, and a standard monitor, mouse, and keyboard. After they learn how to program their Raspberry Pi, kids can make their own music using Sonic Pi, craft amazing designs using Python, and build and play their own computer games and projects with Scratch. They can even test their coding knowledge with written vocabulary and programming quizzes at the end of each project. Supporting STEM education initiatives, computer coding teaches kids how to think creatively, work collaboratively, and reason systematically, and is quickly becoming a necessary and sought-after skill. DK's computer coding books are full of fun exercises with step-by-step guidance, making them the perfect introductory tools for building vital skills in computer programming.

## Book Information

Lexile Measure: 0920 (What's this?)

Series: Dk Workbooks

Paperback: 40 pages

Publisher: DK Children; Csm Wkb edition (March 7, 2017)

Language: English

ISBN-10: 1465457038

ISBN-13: 978-1465457035

Product Dimensions: 8.5 x 0.2 x 11 inches

Shipping Weight: 7 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 2 customer reviews

Best Sellers Rank: #58,092 in Books (See Top 100 in Books) #14 in Books > Children's Books > Computers & Technology > Software #32 in Books > Children's Books > Computers & Technology > Programming

Age Range: 9 - 12 years

Grade Level: 4 - 7

## Customer Reviews

"Clear instructions and plenty of images that make coding just about foolproof." â ” Booklist"An absolutely wonderful introduction to programming games." â ” Kirkus Reviews"A great resource." â ” School Library Journal"This 40-page full-color workbook is perfect." â ” GeekDad

DK books are awesome!

Mine came a little bent, but otherwise great.

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Raspberry Pi 3: The Ultimate Guide on how to design and build your own projects with Raspberry Pi 3 (Computer Programming, Raspberry Pi 3) (Raspberry Pi ... general,all,new, 2017 updated user guide) Raspberry Pi: The Ultimate Step by Step Guide to Take you from Beginner to Expert, Set Up, Programming, Projects For Raspberry Pi 3, Hints, Tips, Tricks and Much More! Raspberry Pi :Raspberry Pi Guide On Python & Projects Programming In Easy Steps DK Workbooks: Raspberry Pi Projects Workbook Hamshack Raspberry Pi: How to Use the Raspberry Pi for Amateur Radio Activities Raspberry Pi 3: The Ultimate Beginnerâ™s Guide! (Raspberry Pi 3) Getting Started with Raspberry Pi: Electronic Projects with Python, Scratch, and Linux Getting Started with Raspberry Pi (Make: Projects) Raspberry Pi Electronics Projects for the Evil Genius Raspberry Pi Projects for the Evil Genius Raspberry Pi: Essential Step by Step Beginner's Guide with Cool Projects And Programming Examples in Python Make: Bluetooth: Bluetooth LE Projects with Arduino, Raspberry Pi, and Smartphones Raspberry Pi and AVR Projects: Augmenting the Pi's ARM with the Atmel ATmega, ICs, and Sensors (Make) DK Workbooks: Coding in Scratch: Projects Workbook Fourth Grade Basic Math Success (Sylvan Workbooks) (Sylvan Math Workbooks) Third Grade Basic Math Success (Sylvan Workbooks) (Sylvan Math Workbooks) Fifth Grade Basic Math Success (Sylvan Workbooks) (Sylvan Math Workbooks) Colors & Shapes (Brighter Child Workbooks Brighter Child Preschool Workbooks) Woodworking: Woodworking Projects and Plans for Beginners: Step by Step to Start Your Own Woodworking Projects Today (WoodWorking, Woodworking Projects, Beginners, Step by Step) DIY Wood Pallet Projects: 23 Creative Wood Pallet Projects That Are Easy To Make And Sell! (DIY Household Hacks, DIY Projects, Woodworking)

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