Help Your Kids With Computer Coding

A UNIQUE STEP-BY-STEP VISUAL GUIDE, FROM BINARY CODE TO BUILDING GAMES

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Don’t just play computer games with your kids—build them! All you need is a desktop or laptop with Adobe 10.2 or later, and an internet connection to download Scratch 2.0 and Python 3. Coding with Scratch can be done without download on https://scratch.mit.edu. Help Your Kids with Computer Coding is a straightforward, visual guide to helping kids understand the basics of computer coding using Scratch and Python coding languages. Essential coding concepts like scripts, variables, and strings are explained using build-along projects and games. Kids can create online games to play like Monkey Mayhem and Bubble Blaster, draw mazes and shapes, build animations, and more using the step-by-step examples to follow and customize. Seven projects let kids and their parents practice the skills as they are learning in each section of the book. Kids get instant results, even when completely new to coding. Packed with visual examples, expert tips, a glossary of key terms, and extras such as profiles of famous coders, Help Your Kids with Computer Coding lays a hands-on foundation for coding so adults and kids can learn together. 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.
A TECH/prep by Facebook recommended resource. "[T]he instruction is so well thought out and presented that, even without parents watching over their shoulders, kids should be able to teach themselves both of the languages without much trouble." — GeekDad.com

"Help Your Kids With Computer Coding was just the thing I needed to give my daughter a jump start on programming a game." — GeekDad.com

"This is not your typical, boring programming text. The book is colorful, playful and engaging, using a combination of words and pictures to explain complex programming topics." — SheKnows.com

"I highly recommend this book for introducing the world of computer science to adults and students in grade 5 and higher." — EdSurge.com

It's a very clear, concise book written like a textbook. I could see this being helpful to adults wanting to learn to code; trying to jump in to something like, say, JavaScript as a first language would be foolish, while Scratch teaches a person the basics of coding in a drag-and-drop environment. If you know someone with a passing interest in computers but who thinks computers just do random things to spite them, this could be helpful as well.

I used this to teach a local coding club class. The pictures and directions are perfect for people that consider themselves newbies to the world of coding. After reading this I felt one notch above a newbie, but also felt like it unlocked a new world to me. Using Scratch and getting involved with the communities has helped me become even more proficient at using coding in a classroom setting.

My 7 year old son loves this book. This is his first book of computer coding. He is very excited to do the projects. Thank you.

I bought this for my 9 year old son, who loves computer games and is interesting in what makes them work. He is managing to create games (and modify them) working from the book with no help from me (isn't that a relief...).

We homeschool and my kids are interested in learning computer coding. This is clear and easy to understand. The projects are fun to work through and keeps the kids' attention.

A bit too simple and obsolete

User friendly. Bright and contemporary learning.
This was a gift for my 12 year old grandson and he loves it!

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