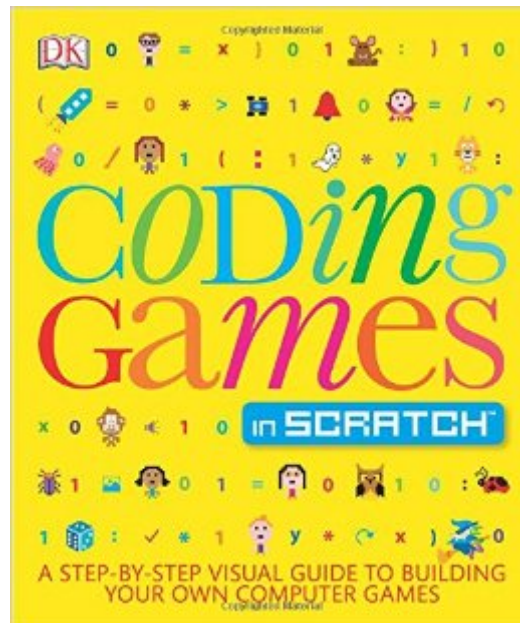


The book was found

# Coding Games In Scratch





## Synopsis

Did you know that Bill Gates, cofounder of Microsoft, wrote his first computer program—a tic-tac-toe game—at age 13? Coding Games in Scratch shows how kids can start coding their own games, too, using Scratch, a popular free programming language. With Coding Games in Scratch, kids can build single and multiplayer platform games, create puzzles and memory games, race through mazes, add animation, and more. All they need is a desktop or laptop with Adobe 10.2 or later, and an internet connection to download Scratch 2.0. Coding can be done without download on <https://scratch.mit.edu>. Essential coding concepts are explained using eight build-along game projects that guide young coders step-by-step, using visual samples, easy-to-follow instructions, and fun pixel art. Written for children ages 8–12 with little to no coding experience, Coding Games in Scratch teaches important strategies for solving problems, designing projects, and communicating ideas, all while creating games to play with their friends. 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

Paperback: 224 pages

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Product Dimensions: 7.8 x 0.6 x 9.2 inches

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Average Customer Review: 4.9 out of 5 stars— See all reviews— (35 customer reviews)

Best Sellers Rank: #5,589 in Books (See Top 100 in Books) #3 in— Books > Children's Books >

Computers & Technology > Programming #1833 in— Books > Reference

Age Range: 8 - 12 years

Grade Level: 3 - 7

## Customer Reviews

This was an off-the-shelf impulse buy at a book store. My seven year old has had two after school classes in Scratch already. I knew nothing except the little games we see at the end of those



classes and honestly I wasn't impressed. Scratch is easy and free and you can play online or download it and play offline. Yes, you can learn just by playing around with the program. That said, this book is GREAT at laying it all out for you in a colorful, easy to understand way. I was able to catch up to my kid with the first two chapters and we made the first project together in under ten minutes. He reluctantly admitted that he learned some tricks from the book on the very first game and was excited to move on to the next. Each chapter from three on teaches you to write a game in recipe form - eight games total. It will tell you EXACTLY what to do to make the game and then tell you how to tweak it to make it your own. You can not mess this up. I LOVE this book and my kid loves this book. I can recommend it for any kid who can read, any parent and kid who want to learn together, or any parent who wants to learn and teach kids. I think I could teach a class now and I'm only on Chapter 4!

I have searched for a good entry point book for Scratch games, and this is by far the best out there, in my opinion. It's clearly-written and it works to explain Scratch fundamental concepts as it leads you through creating 8 games. As a teacher, this is perfect since it's both teaching me and also giving me lesson ideas. I would think that many kids aged 8 or 9 and up could read it and learn as they go. Highly recommended.

I got this book for my 9 year old son, who started out with Scratch last year by using the book Super Scratch Programming Adventure. After working through that book he spent many months just playing around with Scratch, looking at other people's projects, and watching a few YouTube tutorials. I got him this book to help give him some more ideas about things he could do, and to improve his coding. The book has been a big success in our house, and my son has spent many hours poring over it, working his way through the various projects. The book contains instructions for making 8 different games, and at the end of each game there are several "hacks and tweaks" that are suggested. These are ideas for ways you could change the game, but how exactly to implement those changes are left as an exercise for the reader. It's the combination of these two pieces that make this book so useful: explicit instructions on how to do some interesting thing in Scratch, followed by some suggestions that encourage you to think beyond the given code. This book is an excellent next step for kids interested in Scratch.

I have to chip in - I love this book. Really well laid out, great little working programs, had very few problems following the author's working when going through this with my seven year old



child. There's not much I can add to the other 5 star reviews so I'll keep it short. I think I'm as much impressed with Scratch in general as I am with this book and thankful that this book was my introduction to Scratch. Highly recommended!(I have no connection to the author or publisher)

Coding Games in Scratch is a beautifully presented, friendly, and very easy to use book designed to introduce kids to coding through creating their own games. The language used is Scratch and is easily available; kids also learn about basics behind game creation such as atmosphere and characters. The book breaks down as follows: 1: Computer Games (What makes a good game, Atmosphere, Types of games, How coding works); 2: Getting Started (Introducing scratch, Getting scratch, Scratch tour); 3: Star Hunter; 4: Cheese Chase; 5: Circle Wars; 6: Jumpy Monkey; 7: Doom on the Broom; 8: Dog's Dinner; 9: Glacier Race; 10: Tropical Tunes; 11: What Next? (Remixing and beyond, Better scratch, The next level, Jobs making games, Have fun!); Glossary & Index. The games cover a wide variety of types - from platform jumping to racing, adventure to puzzles. There's even an Angry Birds type of game to build. Each game chapter includes an introduction, background, aim of the game, graphics of how it will look and play, game controls, coding step by steps (with colorful graphics), and plenty of encouragement. Steps include sounds, atmospheric additions, movements, quirks, tweaking and personalization, etc. Coding basics such as "if then" and random number generation make the concepts usable beyond Scratch. Indeed, each game brings out an important coding concept. I'm not a coder and chose this for my 12 year old. It's suitable for all ages, though - even as young as a precocious 7 or 8 year old who can read (or with a parent's help). Setting up scratch and how to use it is fully given in the beginning instructions so there is little to trip up anyone looking to use the book. I was highly impressed with Coding Games in Scratch and recommend it. Reviewed from an advance reader copy provided by the publisher.

Got this book for my 10 year old son for Christmas. After getting started it was a matter of minutes before he was hooked. I had him read the first couple chapters which describe games. I then sat down with him working on the first 2 games. We took turns telling the other what to do. You quickly create playable games. After getting through the chapter there are additional ideas on how to make the game more enjoyable / challenging. My son started working on the 3rd game by himself. He is hooked. I am a software engineer by trade. I am not a game developer. By following this book to make games within scratch, it certainly does a great job of showing and explaining the basics of programming.

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The Scratch Coding Cards: Creative Coding Activities for Kids DK Workbooks: Coding in Scratch: Games Workbook Coding Games in Scratch Coding Interview Ninja: 50 coding questions with Java solutions to practice for your coding interview. At the Zoo Scratch & Sketch (An Art Activity Book for Animal Lovers and Artists of All Ages) (Trace-Along Scratch and Sketch) Garden Fairies Scratch and Sketch: An Art Activity for Magical Artists and Believers of All Ages (Scratch & Sketch) Under the Sea Scratch and Sketch: An Art Activity Book for Imaginative Artists of All Ages (Scratch & Sketch) At The Beach Scratch & Sketch Kit (Scratch and Sketch Kit) Lee 'Scratch' Perry: Kiss Me Neck: The Scratch Story in Words, Pictures and Records Scratch and Sketch Furry Friends: An Art Activity Book for Animal Lovers and Artists of All Ages (Scratch & Sketch) Dino Dudes Scratch And Sketch: An Art Activity Book For Fossil Hunters of All Ages (Scratch & Sketch) Horse Games & Puzzles: 102 Brainteasers, Word Games, Jokes & Riddles, Picture Puzzlers, Matches & Logic Tests for Horse-Loving Kids (Storey's Games & Puzzles) Wee Sing Games, Games, Games DK Workbooks: Coding with Scratch Workbook DK Workbooks: Coding in Scratch: Projects Workbook Coding Projects in Scratch Coding for Beginners Using Scratch - IR Learn to Program with Scratch: A Visual Introduction to Programming with Games, Art, Science, and Math Super Scratch Programming Adventure! (Covers Version 2): Learn to Program by Making Cool Games Animation for Kids with Scratch Programming: Create Your Own Digital Art, Games, and Stories with Code

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