

## Websites and Apps that teach Kids Coding

[Code.org](#) – This nonprofit foundation website is a great starting point for coding novices. It shares lots of useful online resources, apps and even [local schools](#) for learning coding. Be sure to watch the inspirational video on the main page which features tech legends like Bill Gates and Mark Zuckerberg who insist that “anyone can code,” not just computer geeks.

[Scratch](#) – Designed by MIT students and aimed at children ages 8 to 16, this easy-to-use programming language lets kids build almost anything they can dream up. No crazy lines of code here. Instead you arrange and snap together Scratch blocks as if they were virtual Legos. But it's more than just a coding guide, it's a vibrant online community of programmers who swap ideas and inspiration.

[Stencyl](#) – Inspired by Scratch's snapping blocks system, this software lets users create simple games for iOS, Android, Flash, Windows, Linux and Mac. If your kid is serious about it, there are [paid pro plans](#) that come with advanced functionality.

[Khan Academy](#) – Known for its [extensive and challenging math games](#), Khan Academy also has basic programming tutorials like how to build graphics, animations and interactive visualizations.

[CodeAcademy](#) – This interactive website is very user-friendly and teaches kids basic code through fun and simple exercises that feel like games.

[Hackety Hack](#) – After a quick download to your computer, kids can learn Ruby, an open-source programming language that's easy and intuitive.

[Code Monster](#) – Particularly good for kids, Code Monster features two adjacent boxes. One displays code, the other shows what the code does. As you play around with the code with some help from a prompt, you learn what each command does.

### Coding Apps APPS

**Daisy the Dinosaur** 7+ Free coding game – covers the basics.

**Hopscotch** 8+ – character based programming, easy to use visual tool makes programming easy to learn and fun.

**Kodable Pro** 6+ Fun programming logic for kids.

**Cargo-Bot** – 9+ Challenging puzzles teach kids to think like programmers/

**Tynker** 7+ Fun coding puzzler, starts easy to helps kids grasp concepts.

**Lightbot & Lightbot Jr** 4+ Colorful, engaging intro to programming for young kids.

**Cato's Hike: A Programming and Logic Odyssey** 8+ Maxe puzzler makes learning programming an adventure.

**Move the Turtle** 9+ - Great concept, younger kids will need some guidance

**My Robot Friend** 9+ Fun puzzler with programming skills.

**Scratch** 8+ Graphical application gives kids a taste of programming

### **Coding Blogs and Boards**

**www.madwithcode.org - Things you love are made with CODE...great product based activities created by coding**

**Programming For Kids Pinterest Board -**

<http://www.pinterest.com/terreichholz/programming-for-kids/>