

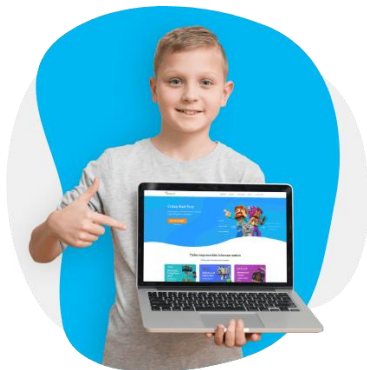
Introduction to Tynker

What Students Learn

- Introduction to basic programming
- Using loops for repetition
- Conditional logic
- Sequencing tasks
- Recognizing patterns
- Using automation
- Debugging programs
- Problem solving

Why Coding?

Coding is the method of giving instructions to a computer to perform a specific task. You may have also heard it referred to as “software programming” or “computer programming.” These instructions are communicated using a “computer language” that computers can understand. These languages include visual blocks, Java, Python, and C. Learning to code expands problem solving and critical thinking skills, making it a great opportunity for kids to build those skills while young.



Coding for kids begins with drag-and-drop visual programming. Kids connect blocks together to make programs. Visual programming teaches the fundamental

concepts without typing or syntax. This places the focus on the logic behind the code. Once they've learned the basics, kids can transition to more traditional programming languages like Python, JavaScript or C.

From online coding courses and games to in-person coding instruction and offline learning, there are endless coding resources available. Kids shouldn't miss the opportunity to practice coding skills!

How to teach your kids to code

Kids of all ages – from pre-readers to high-schoolers – can learn to code. The same fundamental concepts such as sequencing, abstraction, repetition, conditional statements, loops and functions can be introduced to kids of any age or experience level.

The range of coding education solutions spans far and wide! There are apps, websites, camps, and personal tutors teaching coding for kids, so it's important to opt for the approach that works best for your child.

Websites like [Scratch](#) have development environments, allowing kids to make amazing creations by learning from the community.



Kids who need more guidance benefit from the structured and scaffolded coding curriculum offered by [Tynker](#) and Code.org. Those who prefer to learn with a tutor can learn to code at an after-school program at school, a Sylvan learning center, or at a summer camp.

[Learning to code with Tynker is fun and easy!](#)

[Explore our award-winning coding courses](#)

What are the best programming languages for kids?

There are many popular programming languages available to kids. Help your child select one based on their age and experience level. Visual programming languages are a great place to start! We recommend kids begin to learn to code with a block coding language like those offered by [Tynker](#) and Scratch. Once they've learned the basics, they can dive into text-based coding.