COMPREHENSIVE K-12 CODING CURRICULUM
What is Tynker?

THE EASIEST WAY TO TEACH COMPUTER SCIENCE IN SCHOOLS

- BLOCK AND TEXT CODING
- COMPREHENSIVE CURRICULUM
- STEM COURSES
- AUTOMATIC ASSESSMENTS
- CLASSROOM MANAGEMENT
- PROFESSIONAL DEVELOPMENT

Trusted by 100,000 schools

AVAILABLE ON WEB & MOBILE PLATFORMS

© Tynker
Tynker empowers students to become makers.
60,000,000 users world-wide!
Trusted by thousands of districts and schools

100 Thousand
Schools use Tynker

400 Million+
Coding lessons completed

8 Billion+
Lines of code written by kids!

thousands more!
Grade-based learning progression

- Pre-reader: Voice-enabled and tappable
- Elementary School: Drag & drop text blocks
- Middle School: Syntax-free language blocks
- High School: Text-coding JS, Python, Java, AP

The only platform that takes them all the way
1600 hours of scaffolded curriculum

30 pre-reader courses
12 block coding courses
500 Hour of Code challenges
12 text-coding courses
300+ DIY projects
12 STEM courses
5 electives: LEGO, micro:bit, AR, drones, AI
# Tynker curriculum

## Packages Available for 2023-2024 School Year

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Grade</th>
<th>Level</th>
<th>K-2 Code Prep</th>
<th>Elementary School</th>
<th>Middle School</th>
<th>K-8 School</th>
<th>High School</th>
<th>AP</th>
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<tr>
<td>Python 201 +</td>
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<tr>
<td>Data Science 1</td>
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<td>Artificial Intelligence</td>
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<td>Java 101</td>
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</table>

* Not Available on iPad.  ** Only available on Tynker Junior App
Scaffolded coding curriculum

- Pre-reader Pack
- Programming 1A
- Programming 1B
- Programming 101
- Programming 102
- Programming 100
- Programming 201
- Programming 202
- Programming 301
- Programming 302
- Programming 300
- JavaScript 1
- Python 1
- Web Dev 1
- Python 2

200+ Lessons

© Tynker
Digital Literacy Topics for K-5

GRADES K-2
- What is a Computer?
- Using Computers
- What is a Computer Network?
- What is Data?
- Computer Errors
- What is a Computer Program?
- Digital Citizenship and Cybersecurity
- History of Computing

GRADES 3-5
- All About Computers
- Computing Applications
- Careers in Computing
- Computer Networks
- Storing Data
- Data Analysis
- Troubleshooting Problems
- Algorithms and Programming
- Digital Citizenship
- Cybersecurity
- Evolution of Computers
- Accessibility and Usability
STEM Coding Courses

Integrate coding into all subjects with over 200 PBL lessons
Mobile apps included with plans

Tynker Junior
Ages 4-6

Tynker
Ages 7+

Use picture-coding, no words

Control drones and robots

Learn Block-coding and Swift

Model 3D mobs and edit behaviors

© Tynker
Powerful tools save time and effort for educators

**Educator Dashboard**

- Distance Learning
- Import student roster
- Guides and answers keys
- Lesson plans
- Mastery charts
- Shared showcases
- Asynchronous chats
- Help & forums
- Resources and help
Clear commitment to student privacy and security

DATA
Student data is secure and owned by your district.

PRIVACY
Tynker complies with federal and state-level privacy frameworks. See Details

COMMUNITY
Active moderation ensures that the community is a safe place to share and learn.
Teachers can get started in minutes!

- Easy-to-use dashboard with classroom and student management
- Integrates with most market-leading identity and rostering providers
- District and school level student and teacher management with CSV uploads
- SmartPass allows pre-readers to sign in easily with a QR code.
Tynker automatically tracks student mastery

Students are automatically assessed as they
- View interactive tutorials
- Solve coding puzzles
- Complete projects
- Answer quizzes
- Finish lesson modules

Student scorecards and class metrics are updated in real time
Teacher-centric lessons save time

- Class presentation
- Vocabulary
- Warm-ups
- Answer keys
- Lesson notes
- Standards
- Automatic assessments

© Tynker
Standards alignment

✓ CSTA
✓ ISTE
✓ AP CSA, AP CSP
✓ CCSS ELA and Math
✓ NGSS
✓ UK Standards
✓ US State CS Standards provided on request
K-2 SCHOOL PLAN
★ 10 pre-reader courses+
★ 4 block-coding courses *
+ via Tynker Junior, Tynker Apps
* Via tynker.com

400 students - $2,400
per school year OR
$15 per student (50 student min)

ELEMENTARY SCHOOL PLAN
★ 10 pre-reader courses
★ 4 block-coding courses
★ 3 electives (AR, micro:bit, LEGO)
★ 6 STEM courses
★ 500+ Hour of Code puzzles
★ 200+ do-it-yourself tutorials

400 students - $3,600
per school year OR
$20 per student (50 student min)

MIDDLE SCHOOL PLAN
★ 6 block-coding courses
★ 5 text-coding courses
★ 3 electives (AR, micro:bit, drone)
★ 6 STEM courses
★ 500+ Hour of Code puzzles
★ 200+ do-it-yourself tutorials

400 students - $3,600
per school year OR
$20 per student (50 student min)

Combination plans and multi-year discounts available.
Email sales@tynker.com
**Tynker School Plans (Page 2 of 2)**

**K-8 SCHOOL PLAN**
- ★ 10 pre-reader courses
- ★ 10 block-coding courses
- ★ 5 text-coding courses
- ★ 4 electives (AR, m:bit, LEGO, drone)
- ★ 12 STEM courses
- ★ 500+ Hour of Code puzzles
- ★ 200+ do-it-yourself tutorials

600 students - $5,200 per school year OR $25 per student (100 student min)

**HIGH SCHOOL PLAN**
- ★ 7 text-coding courses
  - Python 1, Python 2
  - JavaScript 1, Web Dev 1, Java 1
  - MicroPython, Data Science 1
- ★ 1 Art & computing course
- ★ 2 advanced block-coding courses
- ★ 100+ do-it-yourself tutorials

150 students - $3,600 per school year OR $50 per student (20 student min)

**ADVANCED PLACEMENT PLAN**
- ★ Choice of
  - AP Computer Science Principles OR
  - AP Computer Science A
- ★ College Board endorsed
- ★ AP Curriculum Framework aligned

20 students - $2,000 per school year

*Combination plans and multi-year discounts available.*

*Email sales@tynker.com*
“My students gained a better understanding of computer programming. They also gained a better understanding of the learning process and how to get feedback about a product and revise from that feedback.”

- Lisa Sato
6th Grade Teacher

“Don’t be afraid to teach it just because you don’t have a background in computer science – anyone can learn with a visual programming language like Tynker.”

- Laura Hanna
Computer Lab Teacher & Robotics Coach