



# Codingal

Where kids love coding

Roblox

Hello ! Young Coders

# Get ready to

# Fall in love with coding

Accredited by





# About Codingal

Codingal offers online classes for K-12 students to learn coding by creating apps, building games and developing websites.

We offer live 1:1 coding classes taught by all-star instructors with a computer science background.

Coding has been shown to have numerous benefits in multiple studies. According to one study, children's cognitive skills improved sevenfold with coding.

In addition to improving their computational abilities and logical thinking, coding improves their writing skills as well.

As a result, kids who begin coding at a young age will have a definite advantage.



## Our Mission

To inspire kids to fall in love with coding





## Founder's Note



Block



Teaching coding to kids is a huge responsibility. Our teachers and curriculum ensure we understand and own this fully.

### Vivek Prakash

Co-founder & CEO  
B.Tech & M.Tech, IIT Roorkee



Learning to code is not just about becoming a computer scientist. Coding empowers children at multiple levels.

### Satyam Baranwal

Co-founder & COO  
B.Tech, IIT Dhanbad



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# Coding empowers kids to become innovators of the future



## Why should kids learn coding?



Coding is the new literacy.

In recent years, technology has made inroads into all aspects of our lives. We've come to rely on websites, apps and gadgets to help us through the day, be it at work or at home.

Given the enormous role technology is going to play in the future, teaching kids to code is the best way to prepare them for success.



## What are the benefits of learning coding?



- Helps develop problem solving skills
- Boosts analytical and structural thinking abilities
- Enhances creativity and imagination
- Helps find innovative solutions to real-life issues
- Helps develop resilience

## Why this curriculum?



- Accredited by STEM.org
- Rated 4.6 out of 5 by students and parents
- Based on BIDE (Broad, Inspiring, Deep and Efficient) model
- Focus on STEAM (Science, Technology, Engineering, Arts, Math) subjects
- Enhances cognitive, logical, and computational skills
- Makes learning highly effective, interactive, and fun







# Foundation of our curriculum

Accredited by



## BLOOM

Bloom's Taxonomy is a standard guideline for K-12 content development, which includes 6 stages of learning: Remember, understand, apply, analyze, evaluate and create.

## BIDE

The BIDE (Broad, Inspiring, Deep and Efficient) model has been developed by Codingal in-house to ensure that our curriculum caters to the unique learning style of every child.

## STEAM

STEAM is an approach to learning that uses Science, Technology, Engineering, the Arts and Mathematics as access points for guiding student inquiry, dialogue, and critical thinking.



Covers K-12 Computer Science Framework compliant



# Enhance Your Math and Science Concepts with Codingal

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Microscope

Codingal's mission is to provide students with the skills and mindset required to thrive in the twenty-first century. Our curriculum aims to help kids understand math and science through coding in an interactive and fun way.

Our coding courses are engineered to cover essential science and math concepts like integers, solar system, microorganisms, geometry, water cycle, etc., in a way that these concepts are imprinted on the kid's memory forever.



Calculator

Our teachers provide individual attention to kids, customize projects based on their interests and make them fall in love with Coding, Math, and Science.





# Roblox - Overview (1)

A perfect coding course for kids to learn game design with Roblox Studio and learn coding skills while creating interactive games.

36 Classes  
30+ Projects  
36 Quizzes



## Key learnings

- ✓ Game development on Roblox Studio
- ✓ Lua programming
- ✓ Basic programming concepts
- ✓ Custom 3D game building



## Achievements

- ✓ Improved creativity
- ✓ Conceptual clarity
- ✓ Game development
- ✓ Confidence boost

### Module 1

#### Introduction to Roblox studio

Get introduced to Roblox Studio while building fun games. Learn Lua, the text based scripting language used in Roblox.

Language:

**Lua**

Platform:

**Roblox Studio**

**6 Lessons & 10+ Projects**

### Module 2

#### Creating an Obby

Using simple shapes, create a mini Obby game. Learn to build multi level game that have different obstacles.

Language:

**Lua**

Platform:

**Roblox Studio**

**6 Lessons & 6+ Projects**

### Module 3

#### Creating a 2D platformer

Learn how to change the controls for the camera and player. This will help you make it act like a 2D platformer.

Language:

**Lua**

Platform:

**Roblox Studio**

**6 Lessons & 6+ Projects**



Unlock Roblox Game Developer Certificate



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# Roblox - Overview (2)

## Module 4

### Tycoon game

Learn advance coding concepts while creating your own Tycoon game.

Language:

**Lua**

Platform:

**Roblox Studio**

**6 Lessons & 6+ Projects**

## Module 5

### Racing game

Learn to create an addictive racing game. Players can create their track and create checkpoints to keep track of how many laps the player has collected.

Language:

**Lua**

Platform:

**Roblox Studio**

**6 Lessons & 6+ Projects**

## Module 6

### Battle Royale

Create a Battle Royale Game with mini maps of different designs. Learn to build lobby area for players entering the game.

Language:

**Lua**

Platform:

**Roblox Studio**

**6 Lessons & 6+ Projects**



**Unlock Advance Roblox Game Developer Certificate**







# Top 10 benefits of learning at Codingal



## 1. Regular PTM

Great opportunity for parents and teachers to open two-way communication and to share insights and information for the holistic development of a child.



## 2. Regular doubt session

After every module solve all your queries in this personalized session. The toughest problems addressed – concepts revised and doubts cleared!



## 3. Engaging quizzes

Quizzes are fun and help us remember important facts. These well-targeted and tailor-made quizzes will boost self-esteem and confidence among kids.



## 4. Thrilling competitions

Regular competitions are conducted to encourage students to showcase their skills and develop their ideas.

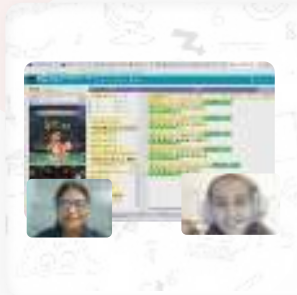


## 5. Learning Certificates

Show the world what you can do with a certificate for every amazing skill you master.



# Top 10 benefits of learning at Codingal



## 6. Live personalized classes

Understand concepts faster with personal attention from teachers. Learn coding from highly qualified teachers trained to make learning effective and impactful.



## 7. Lifetime access to class videos

Forgot what was taught in the last class? No worries. Watch the recorded class video anytime to refresh your memory.



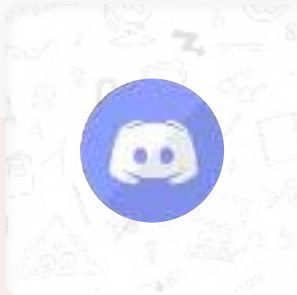
## 8. Lifetime access to resources

Get lifetime access to our exclusive learning content including DIY sheets, videos, and other resources.



## 9. Gamified learning

Codingal makes learning fun with gamification. Students can take quizzes or complete projects to earn points, badges, and rewards.



## 10. Community of young coders

Get access to our community of 150,000+ students to collaborate, share projects and solve real-world problems together.





# Students and parents love Codingal



**Mike**

Grade 5,  
Codingal Student



The Roblox course at Codingal has helped me create my games. It is very straightforward, and I can build my own characters, terrains, and more.



**Neha**

Grade 7,  
Codingal Student



I like to code because I can program my things and create the games I want! Whatever comes into my imagination, I can code it.



**Elliot Aidan**

Real Estate

Codingal Parent



I have tried other coding programs for my kid, but I do not find them as informative and fun as Codingal's course. My son enjoys every coding lesson. I am grateful to the teachers at Codingal; they are generous, responsive, and supportive.



**Kamla Sharma**

IT professional

Codingal Parent



My daughter loves playing games. Codingal's Roblox course is a perfect course that excites her to learn to code while building her own game in a fun way.





# Coding- Gateway to success in the future

“

Now is a great time to be entering the coding world because technology will change more in the next 10 years than it has in the last 50.

- Bill Gates

“

Whether you want to uncover the secrets of the universe, or you just want to pursue a career in the 21st century, basic computer programming is an essential skill to learn.”

- Stephen Hawking





Begin your kid's coding journey

Is your child ready for the future?

Start their coding journey with  
Codingal today.



# Thank You

Built by alumni of

Google amazon



IIT Roorkee



IIT Dhanbad

In partnership with



IIT Bombay



IIT Guwahati



Hewlett Packard  
Enterprise



BITS Pilani

Accredited by STEM.org



Backed by



Combinator



Got questions?  
Contact us  
anytime.

Send us a message



[support@codingal.com](mailto:support@codingal.com)