



Codingal

Where kids love AI & coding

Scratch Programming with AI

Hello ! Young Coders

Get ready to fall in love with AI & coding

Accredited by





About Codingal

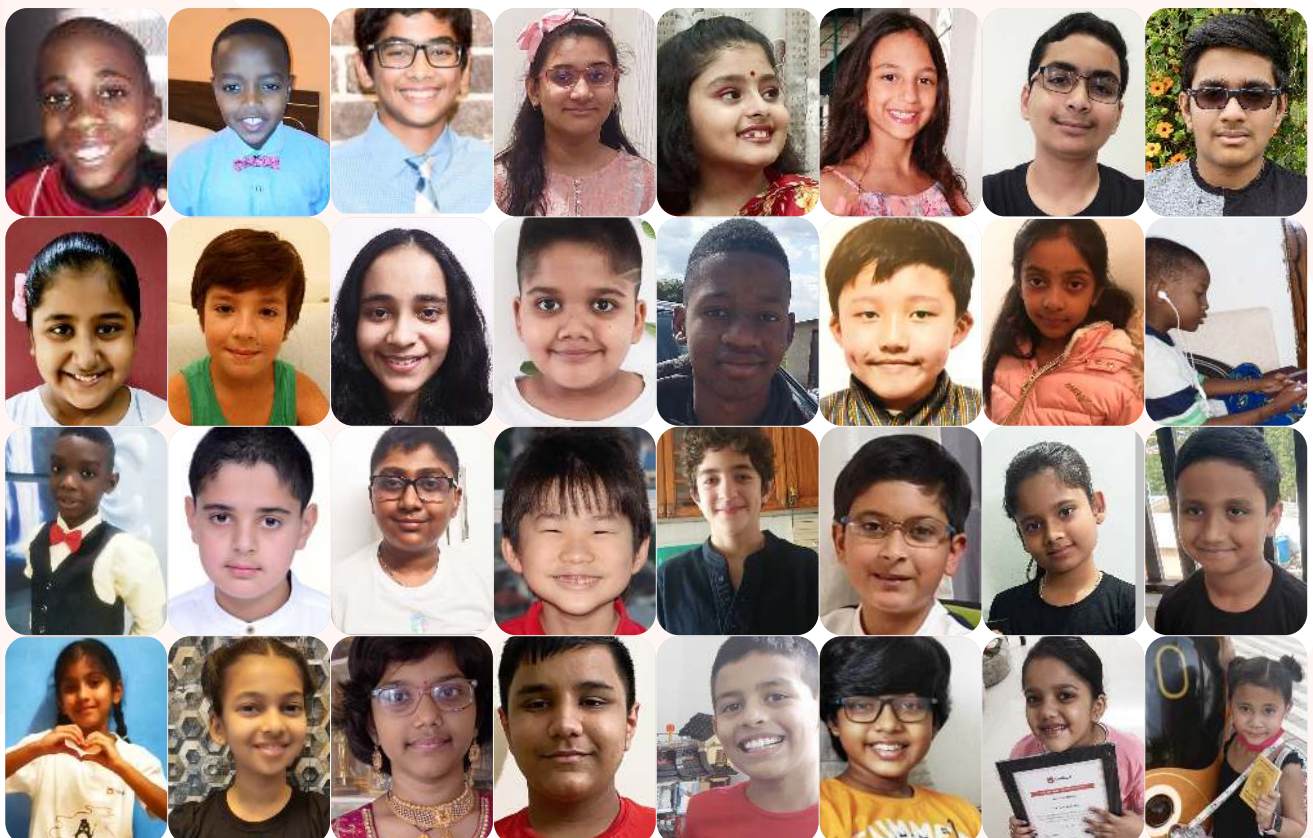
Our Mission: To inspire kids and teens to fall in love with AI & coding

Codingal is a leading online after-school where kids & teens learn AI & coding from expert instructors through live, interactive classes. Our mission is to build the world's largest & most loved programming school for kids & teens, powered by human & AI tutors.

All our instructors come from Computer Science background, and they are rigorously vetted and trained. Every student gets a personalized learning path and individual attention in 1:1 private classes or small group classes with expert instructors. Students learn by building apps, games, animations, and websites in a fun & engaging way.

Kids find Codingal very fun & engaging. They have rated teachers at 4.9 out of 5. Curriculum content is rated at 4.8 out of 5.

Codingal is on a mission to inspire kids to fall in love with AI & coding, and provide the right education to them who will be able to create anything they can imagine and build the future when they grow up to become entrepreneurs, engineers, and scientists.





Founder's Note



Block



Teaching coding and AI to kids is a profound responsibility. Our dedicated educators and meticulously crafted curriculum reflect our deep understanding and commitment to nurturing future innovators.

Vivek Prakash

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



Learning to code is not just about reaching new heights like going to Mars or the moon. Coding, along with AI, equips kids with the skills to think critically and creatively, empowering them at multiple levels.

Satyam Baranwal

Co-founder & COO
B.Tech, IIT Dhanbad



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Codingal empowers kids to become innovators of the future



Bl

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

HTML



CSS



JS



thankable



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.



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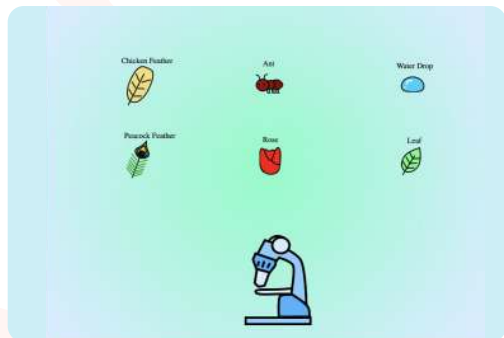
Covers K-12 Computer Science Framework compliant



Enhance Your Math and Science Concepts with Codingal



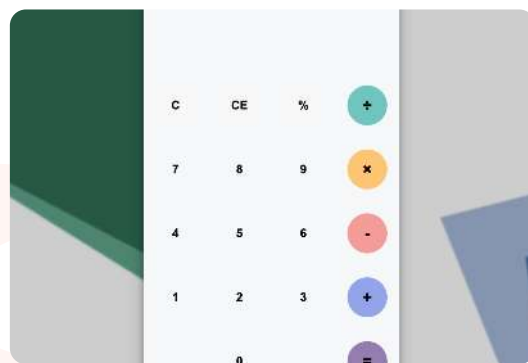
Blog



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.





Scratch Programming with AI- Overview (1)

A perfect course for kids who want to master the art of coding using Scratch and create engaging games. Also get introduced to the world of AI using Scratch.

36 Classes
30+ Projects
36 Quizzes



Key learnings

- ✓ Game development on Scratch
- ✓ Complex programming topics
- ✓ Artificial intelligence
- ✓ Fundamental programming principles



Achievements

- ✓ Conceptual clarity
- ✓ Analytical skills
- ✓ Confidence boost
- ✓ Game development

Featured Projects



AI Speaks Many Languages

Create an AI-powered birthday assistant that can speak birthday wishes in multiple languages using AI technologies.



Car game

Create your own version of car racing game using functions. The car would crash if you touch the obstacle.

AI

Module 1

Scratch Basic

Dive into Scratch, build games, and create AI face filters using real-time camera detection logic

Language:
Block based
Platform:
Scratch

6 Lessons & 15+ Projects



Dress up
tera



Solar
system

AI

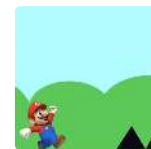
Module 2

Scratch Intermediate

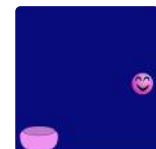
Build musical games and bouncing animations! Program smart sprites that detect your movements using AI!

Language:
Block based
Platform:
Scratch

6 Lessons & 10+ Projects



Mario
Dash



Happy
Balls



Unlock Scratch Developer Certificate



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Scratch Programming with AI- Overview (2)

AI

Module 3

Scratch Advance

Build advanced Scratch games including Snake, Car racing, and Casey adventures! Create AI assistants speak multiple language

Language:
Block based

Platform:
Scratch

6 Lessons & 10+ Projects



Hungry casey



Snake game

AI

Module 4

Advanced Game Design

Develop advanced Scratch games with custom blocks, AI-driven animations, interactive characters like My AI Friend Giga, and voice controls.

Language:
Block based

Platform:
Scratch

6 Lessons & 10+ Projects



Microscope



Pacman



Unlock Advanced Animation and Game Developer Certificate

AI

Module 5

Artificial Intelligence

Get introduced to the magical world of Artificial Intelligence. Create an image recognizer project using block coding.

Language:
Block based

Platform:
Teachable Machine & Playground

6 Lessons & 10+ Projects



Ghost language



Chameleon

AI

Module 6

Machine Learning

Get introduced to speech recognition and Machine Learning.

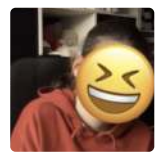
Language:
Block based

Platform:
Teachable Machine & Playground

6 Lessons & 10+ Projects



Roaming



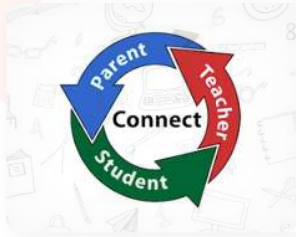
Face emoji



Unlock AI Programmer Certificate



Top 10 benefits of learning at Codingal



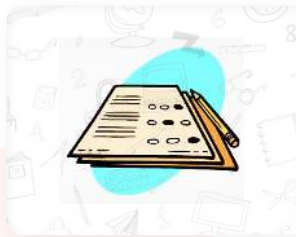
1. Regular PTM

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.



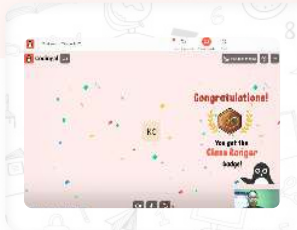
7. Lifetime access to class videos

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



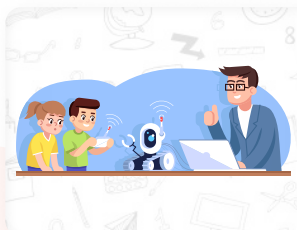
8. Lifetime access to resources

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. After class projects

For each class, students have the opportunity to complete an after-class project, enabling them to apply what they've learned, test their skills, and receive valuable feedback from their teacher.





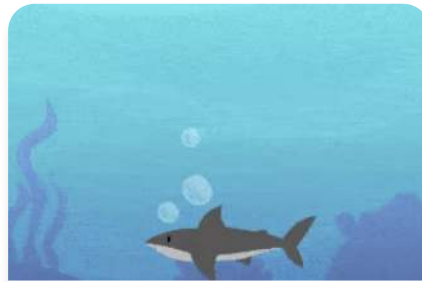
Innovative projects built by Codingal students



Scary Diego

Avyakth

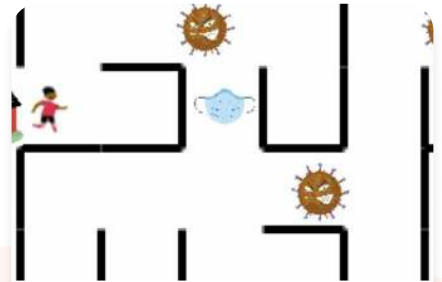
[View Project](#)



Victory for the shark

Saifiyah

[View Project](#)



Covid 19 game

Daksh Srivastava

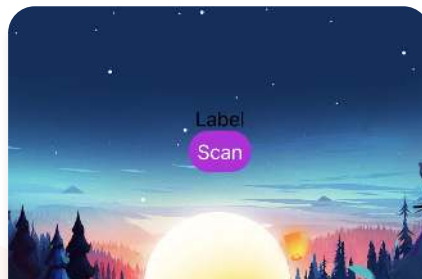
[View Project](#)



Tank enemy

Sharv Nagar

[View Project](#)



QR Code scanner

Sana Tanti

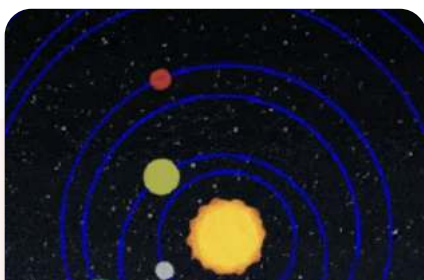
[View Project](#)



Check-list

Rudra Agarwal

[View Project](#)



Solar system

Samhith Gurajapu

[View Project](#)



Frog, snake, and Angel

Bhavi Tushar Chavan

[View Project](#)



BMI Finder

Aarav Saggur

[View Project](#)



Students and parents love Codingal



Roopa Tanti

Codingal parent



Codingal builds a strong foundation and has helped enhance my daughter's confidence and creativity.



Muhammed Umer Azhaan

Codingal Student



The best thing about learning coding with Codingal is the teachers who always went the extra mile for me.



Ira Khandelwal

Codingal Student



I'm glad I picked up coding at an early age as it has improved my logical thinking and sparked my creativity.



Ikumi

Codingal Parent



Codingal's well-structured courses have made coding fun for my son. They're the best and the quickest.



thinkab



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 AI & coding journey

Is your child ready for the future?

Start their AI & coding journey
with Codingal today.



thunko

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



REBRIGHT
PARTNERS

Got questions?
Contact us
anytime.

Send us a message



support@codingal.com



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