



Codingal

Where kids love coding



Grade 10

Hello ! Young Coders

Get ready to fall in love with AI & Coding

Accredited by



Rate 4.6 out of 5



Backed by



 python™

 pygame

 JS

 GitHub

 B

 CO

 CSS3

 pandas

 HTML5

 seaborn





About Codingal

Our Mission: To inspire kids to fall in love with coding

Codingal is a leading online after-school where kids & teens learn 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 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.





Codingal empowers kids to become innovators of the future

Why should kids learn AI & Coding?



Coding is the new literacy : Technology has become a core part of our lives, powering everything from websites to smart gadgets. With AI increasingly shaping the future, teaching kids coding and AI prepares them to thrive in a tech-driven world. These skills enable kids to innovate, solve problems, and succeed in a rapidly evolving landscape.

What are the benefits of learning AI & Coding?



- Develops problem-solving skills
- Boosts analytical and data-driven thinking
- Enhances creativity and imagination
- Encourages innovative real-life solutions
- Builds resilience and adaptability

Why this curriculum?



- Accredited by STEM.org
- Rated 4.5 out of 5 by students and parents on Trustpilot
- 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



Why learning to code is essential for every child in the age of AI



AI development requires coding

Building AI requires coding, which provides instructions to make the system function properly, ensuring everything runs smoothly and behaves as intended.



Augmenting human creativity

AI serves as a powerful tool for enhancing creativity, helping creators but still relying on human direction to produce unique and meaningful results.



Coding as a foundation for AI literacy

Learning to code is essential for understanding technology, enabling effective communication with computers and empowering individuals to create and innovate.



New jobs & industries

The rise of AI creates new opportunities in various fields, from developing AI tools to maintaining and improving systems, generating demand for skilled professionals.

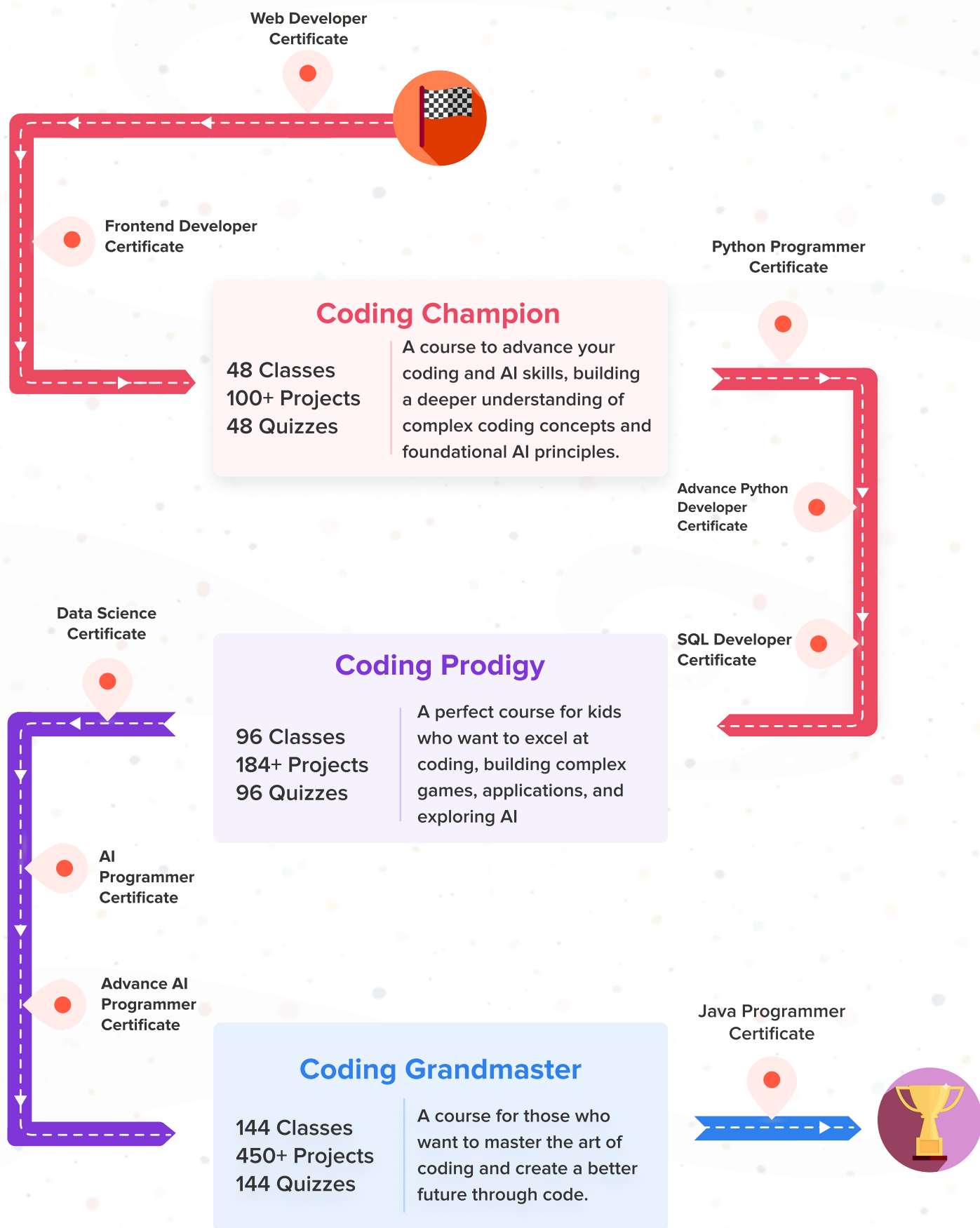


No-code/low-code platforms

No-code platforms simplify building applications with drag-and-drop tools, but coding knowledge is necessary for creating more customized, complex features and designs.



Student's learning journey





Earn AI & Coding certificates with STEM.org accreditation



Coding Champion



2 Additional certificates in the entire learning journey



Coding Champion

Kickstart your coding journey! From mastering web design and interactivity to building Python programs and advanced projects, this course equips you with the skills to create impactful, real-world digital solutions

48 Classes
50+ Projects
48 Quizzes



Key learnings

- ✓ Master HTML and CSS basics
- ✓ Build interactive web applications
- ✓ Develop JavaScript-powered projects
- ✓ Understand Python fundamentals & OOP
- ✓ Create dynamic, real-world solutions



Top achievements

- ✓ Design responsive websites
- ✓ Build interactive calculators and forms
- ✓ Develop Python-based games
- ✓ Create projects using JavaScript
- ✓ Create capstone projects showcasing skills

Module 1

Front-End Development

Learn about basics of web, and create your own webpages using HTML.

Language:
HTML

Platform:
[VS code](#) & [Github](#)

6 Lessons & 20+ Projects



[Personal Form](#)



[Drop Down](#)

Module 2

Webpage Styling

Understand the fundamentals of CSS, including how to style, align, and position elements for attractive web designs.

Language:
CSS

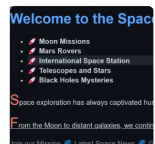
Platform:
[VS code](#) & [Github](#)

6 Lessons & 20+ Projects

Typography



[Typography](#)



[Space Explorers Club](#)

Module 3

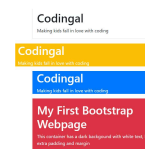
Web App Development

Learn about bootstrap which will help to make the website responsive. Use numerous HTML and CSS templates for UI interface elements.

Language:
HTML CSS

Platform:
[VS code](#) & [Github](#)

6 Lessons & 20+ Projects



[Containers](#)



[Carousel](#)



Unlock Web Developer Certificate

Overview 2



Coding Champion

Module 4

Advanced Front-end Development - I

Get introduced to JavaScript programming. Learn to add interactive behaviours to a webpage using Javascript.

Language:
HTML CSS JS

Platform:
[VS code](#) & [Github](#)

6 Lessons & 25+ Projects



[Loops in Js](#)



[HTML DOM](#)

Module 5

Advanced Front-end Development - II

Get ready to add extraordinary behaviours to your web pages through advance concepts of JavaScript.

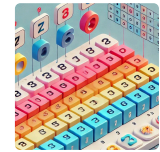
Language:
HTML CSS JS

Platform:
[VS code](#) & [Github](#)

6 Lessons & 25+ Projects



[Error Handling in Js](#)



[Array Methods](#)

Module 6

Capstone Project

Create your own website using HTML, CSS and Javascript.

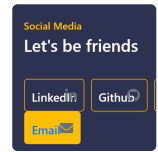
Language:
HTML CSS JS

Platform:
[VS code](#) & [Github](#)

6 Lessons & 5+ Projects



[Calculator using JS](#)



[Social Media](#)



Unlock Frontend Developer Certificate

Module 7

Python Basics

Learn about Python basics including conditional statements, loops and functions.

Language:
Python

Platform:
[VS code](#) & [Github](#)

6 Lessons & 25+ Projects



[Rainbow Spiral](#)



[Star Pattern](#)

Module 8

Advanced Python

Learn about Python data structures and Object Oriented Programming.

Language:
Python

Platform:
[VS code](#) & [Github](#)

6 Lessons & 25+ Projects



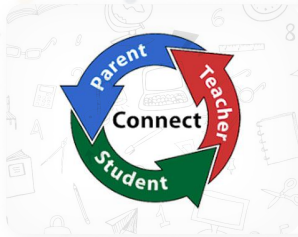
[Student Details](#)



[Library Management System](#)



Top 10 benefits of learning at Codingal



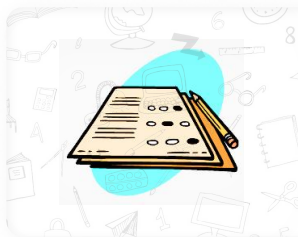
1. Regular PTM

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.

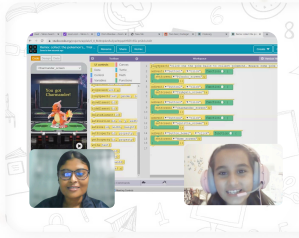


5. Learning Certificates

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.



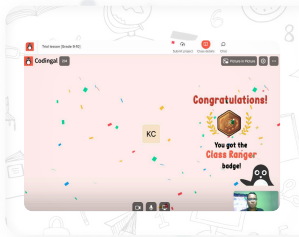
7. Lifetime access to class videos

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



Ray

Japan



I love learning with Codingal. It's always fun and the teacher is nice and kind.



Lavanya

India



The courses develop multiple skills and ensure maximum clarity of coding concepts.

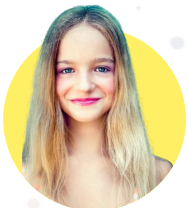


Billie

Kenya



Codingal classes are so much fun. I've started to really enjoy creating things with code.



Elara Dalton

USA



I referred Codingal to my friend, and now we're both into coding! She joined the classes too. Plus, Codingal gave me a whole month of free coding classes.



Trustpilot



4.6 out of 5



4.8 out of 5

facebook



5 out of 5

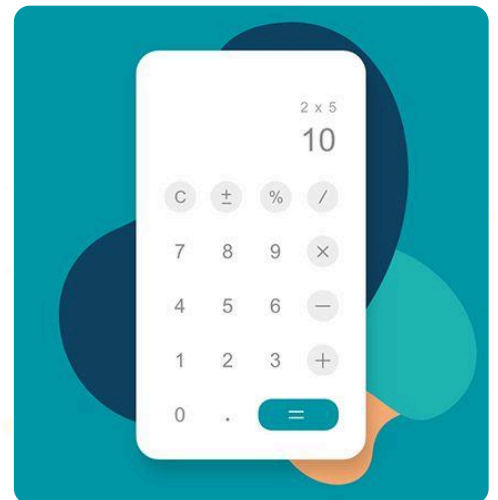


Unlock your child's potential in Math & Science with AI and Coding



In Science, AI and Coding enable simulations and data analysis. Students use AI models to predict outcomes in biology, chemistry, and climate science, learning how coding drives scientific discovery and accelerates problem-solving in real-world applications.

Learning AI and Coding help students apply mathematical concepts like linear algebra and statistics to real-world problems. Coding AI models allows them to visualize math, make predictions, and see how math powers data analysis and decision-making.



Our teachers provide individual attention to kids, customize projects based on their interests and make them fall in love with AI & Coding, enabling them to also perform well in other subjects in school.





Foundation of Codingal's curriculum

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.



AI & 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

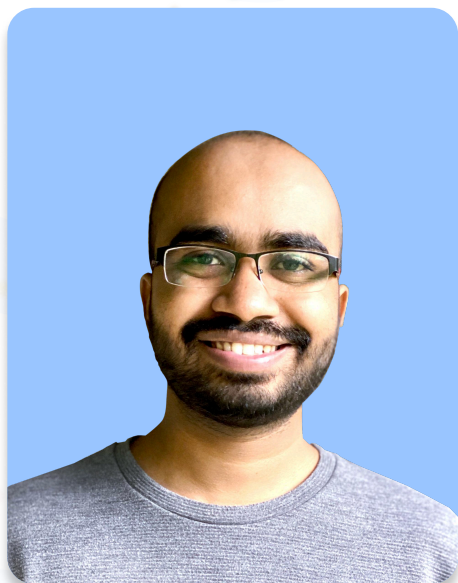
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Whether you want to uncover the secrets of the universe, or you just want to pursue a career in the 21st century, basic computer programming is an essential skill to learn.”

- Stephen Hawking



A note from Codingal Founders



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

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 is the language that empowers kids at multiple levels.

Satyam Baranwal

Co-founder & COO
B.Tech, IIT Dhanbad





Begin your child's AI & coding journey today

Is your child ready for the future?

Visit www.codingal.com

Try a free lesson!

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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