



Codingal

Where kids love AI & coding



Website Development

Grades 6 - 12

Hello ! Young Coders

Get ready to fall in love with AI & coding

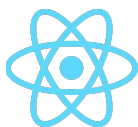
Accredited by



Excellent by



Backed 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.





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.

Website development

A course to advance your coding skills and learn to build Websites, Web Apps, create GUI, and solve problems using Python.

90 Classes
120+ Projects
90 Quizzes



Key learnings

- ✓ HTML, CSS, and JS
- ✓ Bootstrap
- ✓ Building Web Apps
- ✓ React JS
- ✓ Advance Flask Development



Top achievements

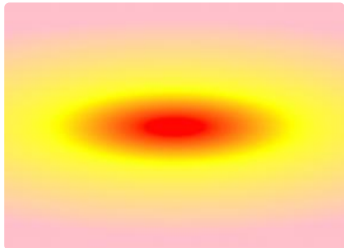
- ✓ Critical thinking
- ✓ Boost Confidence
- ✓ Problem Solving
- ✓ Web Development
- ✓ Learning through projects

AI

Module

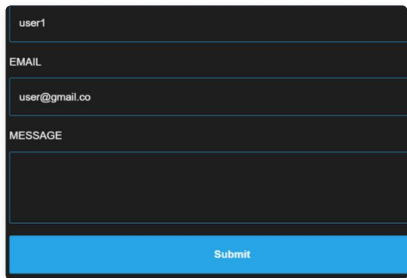
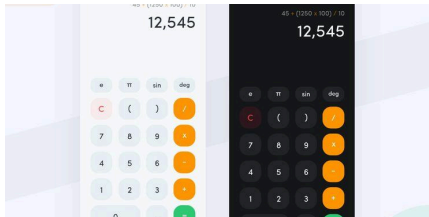
Tools, Libraries, Framework:
[VS Code](#), [GitHub](#), [Bootstrap](#), [React](#),
[Flask](#)

Programming languages:
HTML, CSS, JavaScript, Python

Module No.	Title & Description	Activity
Module 1	Fundamentals of HTML Learn Html & CSS, Build your first web page, the semantics of HTML, Hyperlinks, Lists, Images, video, audio elements, Tables, and Forms, and Create a basic multi-page website.	Personal Details Form Name Email ID Contact Number (This will be hidden) Personal Detail Form
Module 2	Fundamentals of CSS Learn to embed CSS in HTML, SVG, Cascading effect.CSS resets,The box model, Positioning with floats, Positioning with inline blocks.	 Background Effects

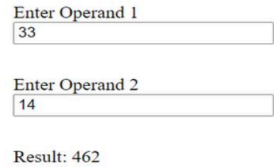
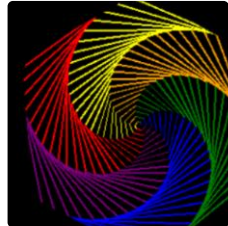
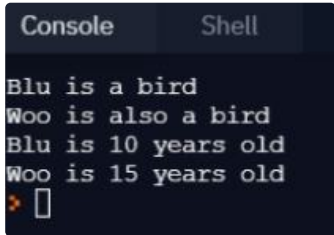
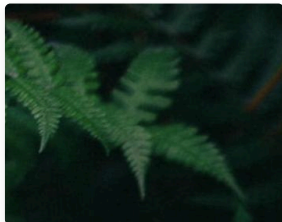


Website development

Module No.	Title & Description	Activity
Module 3	Bootstrap Learn Bootstrap and Get Started with Containers, Grid Basic, Typography, Colors, Badges, Progress Bars, Spinners, Pagination, Carousel, Scrollspy, Bootstrap 4 Grid.	 Carousel
Module 4	Project on HTML,CSS,JS & Bootstrap Get introduced to javascript with Syntax guide and commenting, Variables, Operators, Objects, Array, Method, Call Stack, Methods, Loops, Switch, and Functions.	 Calculator
 Unlock Web Developer Certificate		
Module 5	Introduction to JavaScript Get introduced to javascript with Syntax guide and commenting, Variables, Operators, Objects, Array, Method, Call Stack, Methods, Loops, Switch, and Functions.	 Form Validation
Module 6	Brief about JS Know more about javascript- Data types, keywords, conditional statements, class, inheritance, array sorting, Regular expression, Error handling, JSON, Call back, Async / await, API, and Cookies.	 Calculator

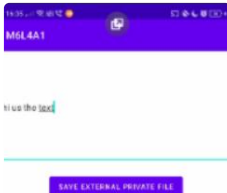
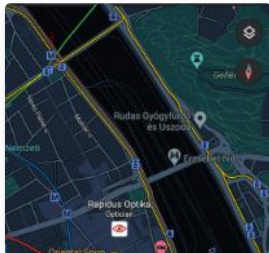
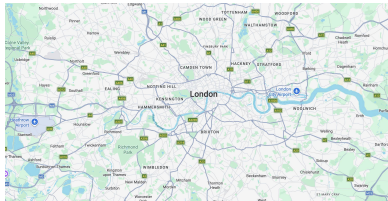


Website development

Module No.	Title & Description	Activity
Module 7	React JS Get Introduced to React Js, React render HTML, JSX, Render JSX, Props in React, State in React, Events in React, Forms in React.	Multiply  Multiplicator App
 Unlock Frontend Developer Certificate		
Module 8	Python Introduction Learn the basics of Python like Data types, Conditionals, Loops, and Functions.	 Rainbow Spiral
Module 9	Advance Python Learn about data structures and object-oriented programming. Create various programs using these concepts	 Parrot Bird
 Unlock Python Game Developer Certificate		
Module 10	Specialization in Python Learn File Handling and Operations on file using Python. Also learn how to use Tkinter library in python.	 Image Makes It Better



Website development

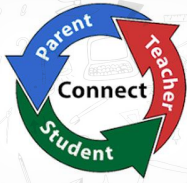
Module No.	Title & Description	Activity																																																																	
Module 11	SQL + Node.js Get Introduced to NodeJS, Modules in NodeJS, HTTP Module in NodeJS, SQL in NodeJS, Database, Connect to DB from NodeJS.	Before executing the code: In D-beaver: <table><thead><tr><th>Student_ID</th><th>Student_FirstName</th><th>Student_LastName</th><th>Student_City</th><th>Student_Grade</th></tr></thead><tbody><tr><td>1</td><td>1 Riya</td><td>Kumar</td><td>Bangalore</td><td>5</td></tr><tr><td>2</td><td>101 Teenu</td><td>Prashant</td><td>Madurai</td><td>5</td></tr><tr><td>3</td><td>103 Chintu</td><td>Prakash</td><td>Chennai</td><td>6</td></tr><tr><td>4</td><td>107 Carol</td><td>Smith</td><td>Texas</td><td>2</td></tr><tr><td>5</td><td>109 Riya</td><td>Gupta</td><td>Pune</td><td>9</td></tr><tr><td>6</td><td>102 Jaka</td><td>Prashant</td><td>Mumbai</td><td>8</td></tr></tbody></table> After Executing Code: In D-beaver <table><thead><tr><th>Student_ID</th><th>Student_FirstName</th><th>Student_LastName</th><th>Student_City</th><th>Student_Grade</th></tr></thead><tbody><tr><td>1</td><td>1 Riya</td><td>Kumar</td><td>Bangalore</td><td>5</td></tr><tr><td>2</td><td>103 Chintu</td><td>Prakash</td><td>Chennai</td><td>6</td></tr><tr><td>3</td><td>107 Carol</td><td>Smith</td><td>Texas</td><td>2</td></tr><tr><td>4</td><td>109 Riya</td><td>Gupta</td><td>Pune</td><td>9</td></tr><tr><td>5</td><td>102 Jaka</td><td>Prashant</td><td>Mumbai</td><td>8</td></tr></tbody></table> SQL Queries	Student_ID	Student_FirstName	Student_LastName	Student_City	Student_Grade	1	1 Riya	Kumar	Bangalore	5	2	101 Teenu	Prashant	Madurai	5	3	103 Chintu	Prakash	Chennai	6	4	107 Carol	Smith	Texas	2	5	109 Riya	Gupta	Pune	9	6	102 Jaka	Prashant	Mumbai	8	Student_ID	Student_FirstName	Student_LastName	Student_City	Student_Grade	1	1 Riya	Kumar	Bangalore	5	2	103 Chintu	Prakash	Chennai	6	3	107 Carol	Smith	Texas	2	4	109 Riya	Gupta	Pune	9	5	102 Jaka	Prashant	Mumbai	8
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Module 12	SQL Learn basic concepts of SQL- Database creation, tables, INSERT, SELECT, Order by, UPDATE, and all the important queries in SQL.	 External Private Storage																																																																	
Module 13	Firebase Get introduced to Firebase, Firebase Authentication, Authentication using email/password, Firebase Realtime Database, and Firebase Hosting.	 Maps In App																																																																	
 Unlock SQL Developer Certificate																																																																			
Module 14	Python Flask Understand the concept of Flask in python, and make interactive apps using Flask.	 Location Map																																																																	
Module 15	Advance Flask Development Learn about the complex functions and concepts in the flask.	Customer Details Name Enter Name Phone Enter phone number Total Items Enter the number of items Total Amount Enter the total amount Date dd-mm-yyyy Today's Winner Submit Shopping Cart																																																																	



Unlock Backend Developer Certificate



Top 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.

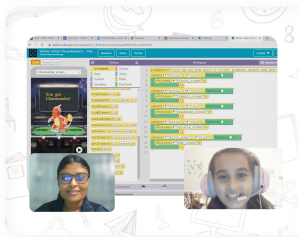


5. Learning Certificates

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



Top 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.



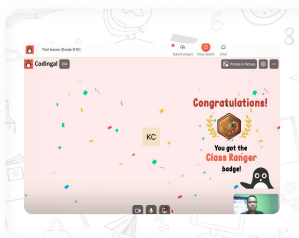
7. Lifetime access to class videos

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



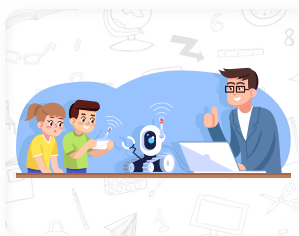
8. Lifetime access to resources

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.



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.



TrustScore **4.8** | **863** reviews



4.6 out of 5



5 out of 5

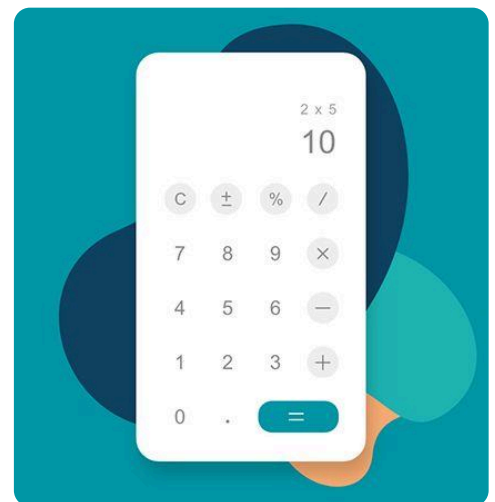


Unlock your child's potential in Math & Science with AI and Coding



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



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 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





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



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