Codingal
Where kids love AI & coding

Python Champion

Hello ! Young Coders

Get ready to fall in love with AI & coding

Accredited by

STEM.ORG ACCREDITED™ EDUCATIONAL EXPERIENCE

About Codingal

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

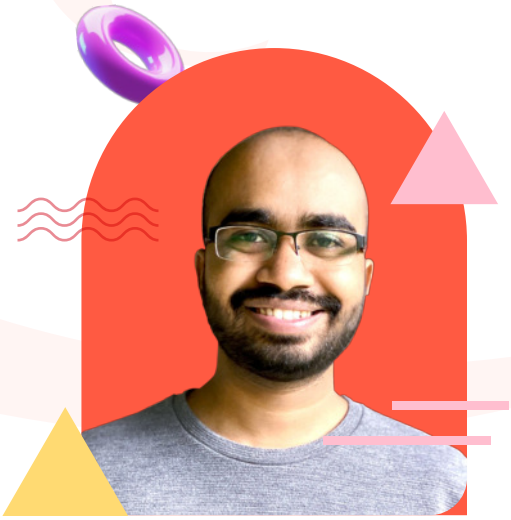
Codingal is a leading online after-school where kids & teens learn AI & coding from expert instructors through live, interactive classes. Our mission is to build the world's largest & most loved programming school for kids & teens, powered by human & AI tutors.

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



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

Codingal 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

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.

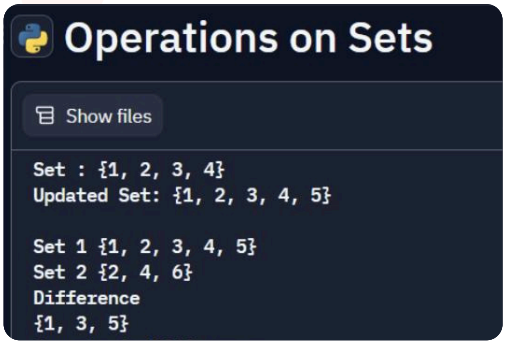
BIDE

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.

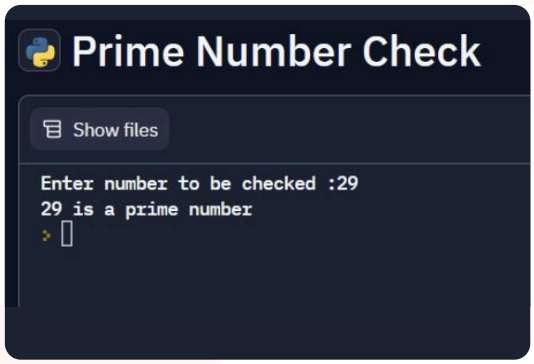
Enhance your kid's Math and Science concept with Codingal



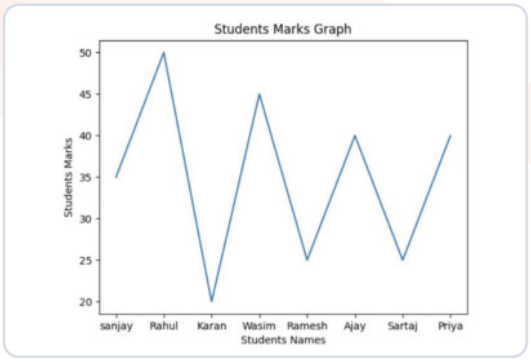
Set Operations

Our engineered coding courses cover essential math concepts like prime numbers, factorials, sets, statistics, probability, etc., helping students understand the concepts and implement them in the practical world. It also helps them in building strong logic for problem-solving.

Coders must strengthen their algorithmic and computational thinking to write a line of code that works well and is bug-free. And what is a possible way of thinking at their core? Math.



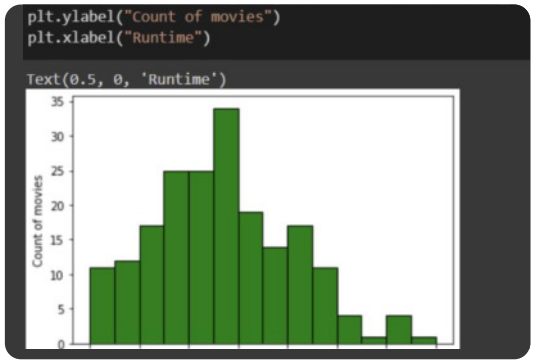
Prime Number Check



Students' Marks Graph

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

With all the data available, Math plays a vital role in identifying various patterns and answering questions to explain human behavior for implementing the same while automating a task. This is where coding and Math go hand in hand.



IMDB Ratings Data Analysis

Specialised Python Course- Overview (1)

A course to advance your coding skills and learn to build games, create GUI, and solve problems using python.

44 classes
150+ Projects
44 Quizzes

Key learnings

- Basics of python
- Data Structures
- Object Oriented Programming
- Game Development
- GUI using Tkinter

Achievements

- Improved aptitude
- Critical thinking
- problem-solving in Python
- Learning through projects

Featured Projects

1. Calculator

Create a Denomination calculator with Tkinter.

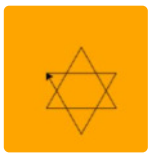
Rock Paper Scissor

Create your own interesting games.

Module 1
Python Basics

Get Introduced to Python- keywords and Variables, Data Types, Conditional Statements, Operators and their types.

Language: Python
Platform: Replit
8 Lessons & 20+ Projects


Star

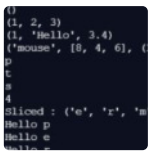

Rainbow Spiral

Module 2
Let's Begin with Loops

Learn Nested Conditional Statements, Loops - For, While, Nested Loops, Python Turtle library.

Language: Python
Platform: Replit
6 Lessons & 15+ Projects


Library Management System


Operations on Data Structures

Module 3
Python Functions and Modules

Learn Functions, Concept of Recursion, Exception Handling, Python Modules - Math, Random, Date, and Time.

Language: Python
Platform: Replit
6 Lessons & 15+ Projects

Denomination Calculator

Rock Paper Scissor

Unlock Python Programmer Certificate

Specialised Python Course- Overview (2)

Module 4

Data Structure in Python

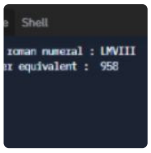
Learn Data Structures in python - List, Tuple, Dictionary, and Set.

Language:
Python

Platform:
Replit

6 Lessons & 15+ Projects

O(n^2)



RomanToInt

Module 5

Object Oriented Programming

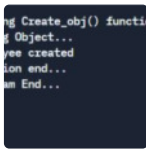
Learn OOPs Concepts - Classes, Objects, Constructor, Destructor, Inheritance, Abstraction, Encapsulation, Polymorphism.

Language:
Python

Platform:
Replit

6 Lessons & 15+ Projects

Computer Price



Employee In _ Out

Unlock Advanced Python Developer Certificate

Module 6

Game building with Pygame

Learn Game Development using Pygame library of Python.

Language:
Python

Platform:
Replit

6 Lessons & 15+ Projects

Space Invader

Blocks Collision

Module 7

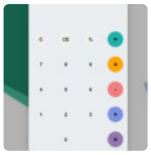
GUI using Python Tkinter

Learn to build GUI using Tkinter - Window, Widgets, Multiple Windows and Capstone Project.

Language:
Python

Platform:
Replit

6 Lessons & 15+ Projects

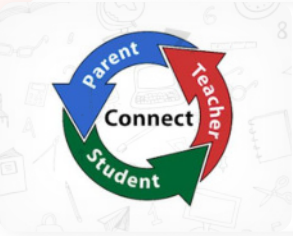


Decorated Calculator

TKinter GUI

Unlock Python 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

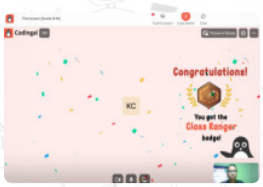
Understand concepts faster with personal attention from teachers. Learn coding from highly qualified teachers trained to make learning effective and impactful.

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.



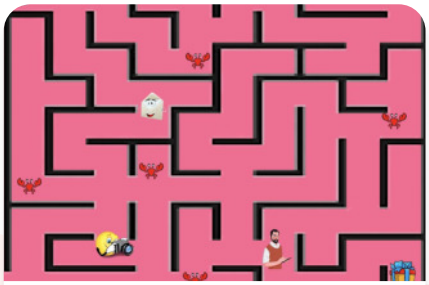
9. Gamified learning

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

10. 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



Random password generator

Ganeev Singh Tuteja

View Project

Random password generator

Ganeev Singh Tuteja

View Project

Random password generator

Ganeev Singh Tuteja

View Project

Students and parents love Codingal

Razzaq Ahmed

Codingal Parent

I love the way teachers provide a fully personalized learning experience to prepare my child for a bright future.

Aaditya Khanal

Codingal Student

Codingal is an incredible platform for students looking to learn to code. It has helped me become an accomplished coder by making the learning process fun and interactive.

Nishika Parikh

Codingal Student

I like that I can customize and pace my learning journey according to my comfort with Codingal.

J.D sharma

Codingal Parent

The teachers at Codingal are highly qualified and patient. The curriculum at is thoughtful. Thank you Codingal for making my kid learn to code interactively.

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.

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

STEM ACCREDITED

Backed by

Y Combinator REBRIGHT PARTNERS

Got questions? Contact us anytime.

Send us a message

support@codingal.com

Codingal
Where kids love AI & coding