

CODE CALCULUS



Type the name of Coding

Your first step to coding!

Learn sequences, commands, blocks, algorithms, variables, loops, functions, events, sprites, 3D designs, Artificial Intelligence and its STEAM applications using kids friendly programming language developed by MIT and Google to create animations, games, stories and A.I. powered apps.

Coding Makes Kids Smarter!

Our unique "5C" teaching methodology



Connect
Real world examples



Concept
Demystify the topics



Code
Digital Creations



Contemplate
Analyse viable possibilities



Continue
Ideate & Practice Learning

Benefits of learning to code at early age



**Improves
Problem
Solving Skills**



**Provide
Competitive
Advantage**



**Enhance
Logical
Thinking**



**Widens Career
opportunity**



**Stimulates
Creativity
and
Imaginations**



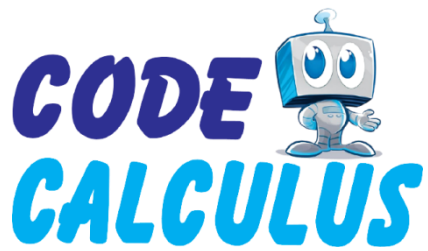
**Increases
Focus and
Concentration**



**Strengthen
the ability to
build**



**Improves
Presentation
skills**



Course Descriptor ⁺

Mentor Led Curriculum for classes 9-12

Your first step to coding!

Learn sequences, commands, blocks, algorithms, variables, loops, functions, events, sprites using kids friendly programming language developed by MIT and Google to create animations, games, stories and apps. Share your apps with friends & family.


CODE CALCULUS



Learn sequences, commands, blocks, algorithms, artificial intelligence, variables, loops, functions, events, sprites using kids friendly programming language.


Days	Index
Day-1	Introduction to Javascript and ide setup
Day-2	Basics of javascript with structure
Day-3	variables and datatypes in javascript
Day-4	Javascript modifiers,keywords and commenting
Day-5	javascript conventions & identifiers
Day-6	Loops in javascript (repeation programs)
Day-7	decision making statements in javascript
Day-8	Java assessment
Day-9	arrays in javascript
Day-10	interfaces and Packages of javascript
Day-11	OOPs concept
Day-12	OOPs concept(day-2)
Day-13	commonly used packages in javascript
Day-14	student information file using javascript
Day-15	student information file using java(day-2)
Day-16	ASSESSMENT-2
Day-17	Introduction to Web Designing & HTML Structure
Day-18	Headings & Paragraphs
Day-19	Formatting & Quotations

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Days	Index
Day-20	HTML Colors & Style Tag
Day-21	HTML Images
Day-22	HTML Links & Lists
Day-23	Elements & Attributes, Block & Inline Elements
Day-24	Assessment-1
Day-25	HTML Tables
Day-26	Concept of Classes & IDs
Day-27	HTML Forms
Day-28	Iframes & Javascript Introduction
Day-29	Local & Youtube Videos on Webpage
Day-30	Responsive Web Design
Day-31	HTML Page Layouts & HTML Emojis
Day-32	ASSESSMENT
Day-33	Introduction to CSS, CSS Text
Day-34	CSS Backgrounds
Day-35	Margins & Paddings
Day-36	Borders & Box Model
Day-37	CSS Fonts & Links
Day-38	CSS Navigation Bar

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Days	Index
Day-39	Assignment
Day-40	ASSESSMENT
Day-41	Dropdown Menu with CSS
Day-42	Transforms 2D & 3D
Day-43	Transitions & Animations
Day-44	Styling Images with CSS
Day-45	CSS Buttons
Day-46	Opacity & Pagination
Day-47	Calculator with HTML
Day-48	ASSESSMENT
Day-49	DIY: Basic Website Layout
Day-50	Introduction to Javascript
Day-51	JS Random
Day-52	JS Popup Alerts
Day-53	JS Screen & History
Day-54	JS Location & Timing
Day-55	Login-Forms
Day-56	ASSESSMENT

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Days	Index
Day-57	basic website with title and content
Day-58	fashion store website (day-1)
Day-59	fashion store website (day-2)
Day-60	color pallete website
Day-61	typing game website
Day-62	weight converter website
Day-63	music player website
Day-64	ASSESSMENT
Day-65	Introduction to python and IDE setup
Day-66	Basics of python(variable and datatypes)
Day-67	Flow control in python
Day-68	Loops in python
Day-69	decision making statement in python
Day-70	Libraries and modules of python
Day-71	commonly used modules
Day-72	ASSESSMENT

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Days	Index
Day-73	OOPS concept in python
Day-74	OOPS concept in python
Day-75	hangman game
Day-76	Lucky number game
Day-77	snake game using python
Day-78	snake game using python
Day-79	Final assessment
Day-80	final assessment
Day-81	BUFFER
Day-82	BUFFER
Day-83	BUFFER
Day-84	BUFFER
Day-85	BUFFER
Day-86	BUFFER
Day-87	BUFFER
Day-88	BUFFER
Day-89	BUFFER
Day-90	BUFFER
Day-91	BUFFER
Day-92	BUFFER
Day-93	BUFFER
Day-94	BUFFER
Day-95	BUFFER
Day-96	BUFFER