

# 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

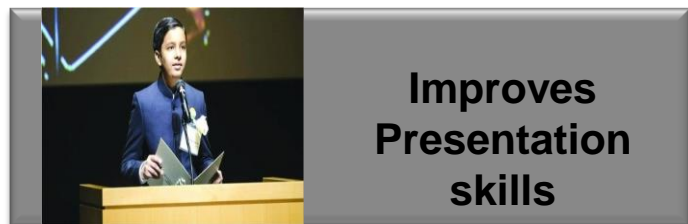
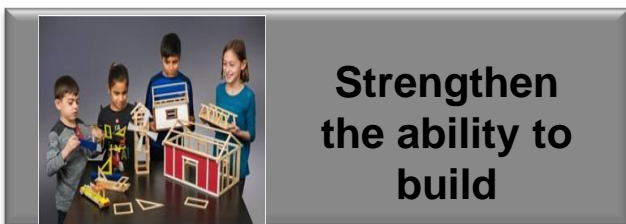
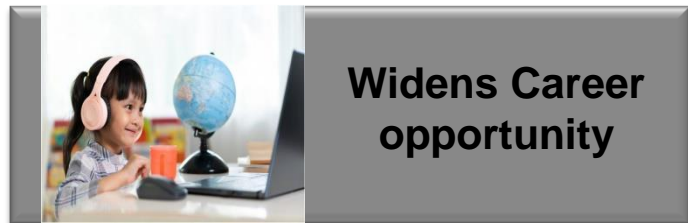


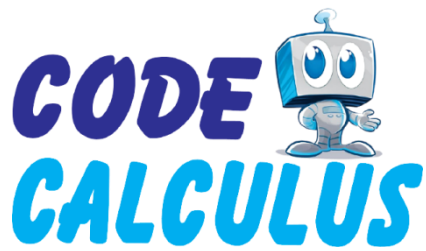
**Contemplate**  
Analyse viable possibilities



**Continue**  
Ideate & Practice Learning

## Benefits of learning to code at early age





# Course Descriptor




## **Mentor Led AI Curriculum for classes 5-8**

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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.

Learn AI basics in the most efficient way possible.


## Pre-requisite for basic AI

1. Block based coding knowledge
2. Coding fundamentals
3. Scratch learning

## Basic AI curriculum

- 1 Introduction to ai
- 2 Objectives and overview of AI
- 3 Introduction to pictoblox
- 4 Understanding blocks of pictoblox
- 5 Face detection from an image
- 6 Face recognition app
- 7 Ocr blocks introduction
- 8 Ai game(day-1)
- 9 Ai game(day-2)
- 10 Ai game(day-3)
- 11 Pose detection concept
- 12 Pose detection from image
- 13 Understanding human vision and computer vision
- 14 Logo recognition concept

# CODE CALCULUS



15	Creating face filters using face detection concept
16	Creating face filters using face detection concept
17	Creating face filters using face detection concept
18	Face detection system
19	Face detection system
20	Attendance system
21	Attendance system
22	Chatbot in AI (DAY-1)
23	Chatbot in AI (DAY-2)
24	Chatbot in AI (DAY-3)
25	Chatbot in AI (DAY-4)
26	Understanding concept of TOY recognizer
27	Toy recognizer concept
28	Gestured control concept
29	Gestured control concept
30	<b>Assessment</b>