



Coding to Concept™



Level-1 Index

Foundation (Grade 1 onwards)



Session 1

Coding and Robotics

Machines in real life

Learn about Machines, Robotics, Parts & Components

Session 2

Sequencing

Counting

Learn about 1-10 numbers, Counting and addition of 2 numbers

Session 3

Sequencing, Flowchart

Counting

Learn about numbers, names, place value system

Session 4

Sequencing, Loops

Sequencing

Game building 1 – A sequence game

Session 5

Sequence, Loops, Events

Correct the sequence

Game building 2 – “Correct the sequence” to learn about alphabets and numbers

Session 6

Instructions

My Family

Learn about your family, Family Tree and Relationships

Session 7

Instructions, Sequence

Animals

App building 1 – to know about animals in real life

Session 8

Introduction to Scratch Pen option

Art from heart

App building 2 – To draw different geometrical shapes

Session 9

Scratch-Motion block

Directions

Build a game to understand importance of directions

Session 10

Scratch-Sensing block

Sensory Organs - 1

Learn about our sensory organs correlating it to the sensors used in Robots (Ultrasonic)

Session 11

Scratch-Sensing block

Sensory Organs - 2

Learn about our sensory organs correlating it to the sensors used in Robots (Colour sensor)

Session 12

Instructions, Sequence, Loops

Culmination

Learn to make projects based on sensors using directions and instructions Certification



Coding: - Sequence, loops, logical operators, variables, game elements, IOT applications



Session
CODING | CONCEPT
OUTCOME