



The Explorer package is perfect for students who wish to delve into coding and computer courses, aiming to create basic applications. No prerequisites are required to enrol in any of these programs.

MOBILE APP DEVELOPMENT WITH BLOCKCODE

9-12 Yrs | 24 Classes | 3 Months | 50 Minutes | Certificate of Achievement

Learn the principles of mobile app building, start building interactive, stunning and useful apps and share your apps with your family and friends.

- Computational Thinking
- Sequentially Thinking
- Logical Thinking & Problem Solving

LESSON PLAN

Class	Topic	Class	Project
1	Digital Citizenship	Introduction to coding, block codes	
2	Introduction to App development	Introduction and stages in App development, getting started with App Lab.	AppLab
3	Design elements in AppLab	Students learn the different design elements in App development.	AppLab Introduction
4	Quiz App Design	Learn how to design a quiz app with radio buttons, multiple screens and score as a variable.	Quiz App
5	Quiz App Code	Code the quiz App using advanced control codes	Quiz App
6	Operators, Buttons, variables	Students develop an App using the concept of operators to find the area and perimeter of geometrical shapes	Area perimeter App
7	Loops and its application	Students learn the concept of loops and counter to create an app to check if a word is a palindrome	Palindrome App
8	Conditionals, Loops	Students study and apply the concepts of conditionals to create a stop watch	Stop Watch
9	CAPSTONE PROJECT	Students develop rock, paper, scissor game on AppLab	ROCK, PAPER, SCISSOR
10	Introduction to Advanced App Development	Getting started with Thunkable	Thunkable
11	Rows, Columns and images	Learn various design elements and its application in Thunkable	Portfolio App
12	Multiscreen and navigation bar	Learn navigation elements in App development and also create multiscreen	Portfolio App
13	Images and Layout	Learn how to design layouts in Thunkable and add images	Collage App
14	DialogFlow	Introduction to DIALOGFLOW and chatbot training	Chatbot
15	Chatbot	linking chatbot to Thunkable	Chatbot
16	Design the chatbot	adding design element to the chat app and real time DB	Chatbot
17	Project completion	Coding the chatbot	Chatbot

*Lesson plan indicates the topics and projects and should not be read as topics covered per class.