

Curriculum Framework

Lesson Number	Lesson Name	Objective	Learning Outcome	Unplugged/ Plugged	Concept	Practice	Mindset
1	Maze	Students (We) will be able to sequence instructions to create algorithm to move a friend out of the maze.	Interpret the concrete instructional blocks Follow the instructions in a sequence Define sequence and algorithm Arrange things in sequence/Sequence the concrete instructional blocks Evaluate things in a sequence	Unplugged	Sequence		
2	Penguin and Fish	Students (We) will be able to make the penguin reach the fish by giving instructions to penguin in sequence.	Describe Scratch and uses of Scratch Identify the different components of Scratch Interpret the concrete instructional blocks of Scratch Explain the instructional blocks of Scratch in sequence Define Program Sequence the concrete instructional blocks of Scratch to reach the fish Evaluate the instructional blocks of Scratch in sequence Describe the purpose of learning to code with Scratch	Plugged	Sequence		
3	Make a lemonade	We will make a lemonade with different given ingredients.	Define Abstraction Describe benefits of abstraction Use experimenting in their project (Exploring connections between the whole and the parts and identifying the essential parts to reduce the complexity.)	Unplugged		Abstraction	
4	Penguin Speaks	Students (We) will make a penguin move left, right, up and down when the arrow keys are pressed by playing a sound.	Interpret the concrete instructional blocks Sequence the concrete instructional blocks to show speech bubble and play sound Explain the instructional blocks of Scratch in sequence to show speech bubble and play sound Evaluate the instructional blocks of Scratch in sequence to show speech bubble and play sound Use abstraction in their project (Exploring connections between the whole and the parts and identifying the essential parts to reduce the complexity.)	Plugged	Sequence	Abstraction	
5	Dog and the Bone	Students (We) will create different events to select player while playing the game dog and the bone.	Identify events in the activity and in surrounding Define events	Unplugged	Events	Abstraction	
6	My Rhymes	Students (We) will make an application to play their favourite rhymes.	Define event Create events to play different rhymes	Plugged	Events	Abstraction	

7	Lemon and Spoon	Students (We) will unlock the nails.	Define Perseverance Describe the challenges and feelings, Identify ways to do things differently to overcomes challenges, Reflect on things they have learned	UnPlugged			Perseverance
8	Sounds of abc	Students (We) will make an application to play the sounds of letter by creating different events	Define Perseverance Create events to play sounds and animate letters Describe the challenges and feelings, Identify ways to do things differently to overcomes challenges, Reflect on things they have learned	Plugged	Events		Perseverance
9	Dancing in the group	We will repeat different dance moves to create a dance.	Identify loops in real life around them Define Loops, Count the number of times the instructions has to repeated Use loops for the repeated instrcutions	Unplugged	Loops		Perseverance
10	Colorful Shapes	Students (We) will make different geometrical shapes like square, rectangle, circle etc.	Count the number of times the instructions has to repeated Use loops for the repeated instrcutions	Plugged	Loops		Perseverance
11	Walking on the road	Students (We) will make a girl walking on the road..	Define Loops Count the number of times the instructions has to repeated Use loops for the repeated instrcutions	Plugged	Loops		Perseverance
12	Dummy Project: My car	Student (We) will make a car moving with wheels rolling on the road.		Plugged			
13	Dummy Project: My car	Student (We) will create animation of a car moving on the road with different features of a car.		Plugged			
14	Project	You are supposed to create a project on any one of the following, 1) something about you or a some other person, 2) something you have seen around you, 4) something that you have learnt in classroom/outside or 5) a problem that you have faced.		Plugged			
15				Plugged			