

Grade	Month	Number of Session	Name of the Topics	Name of Activity	Term 1 Project
1	Sep	1	Early Simple Machine and Hands-On Science	1. Bridge to cross the river	Create your own stories and go shopping on Scratch Jr.
		1		2. Bowling game	
		1		3. Treehouse	
		1		4. Pinball	
	Total session	4			
2	Sep	1	Junior Scratch and Paper Circuit	1. Glowing Heart	Make a birthday card using paper circuits.
		1		2. Blushing Girl	
		1		3. Stick Hockey	
		1		4. Soccer game	
	Total session	4			
3	Sep	1	Paper Circuits and Jodo Straw	1. Paper circuit component and its symbol	Draw your own character and animate it.
		1		2. Series circuit	
		1		3. Patterns and Design	
		1		4. Polygons	
	Total session	4			
4	Sep	1	Robotics – Jodo Straw	1. Lines	Create a smiley face on a dot matrix.
		1		2. Angles	
		1		3. Field and Fence	
		1		4. First simple machine ramp	
	Total session	4			
5	Sep	1	Ablox – Coding and Circuit Designing	1 Introduction of Ablox and Arduino UNO	Create any game using Arduino and a switch.
		1		2. LED pattern	
		1		3. RGB LED	
		1		4. LED strip	
	Total session	4			
6	Sep	1	App Development – MIT App Inventor	1. App inventor	Display a text message on the LCD display.
		1		2. Website viewer	
		1		3. Sound App	
		1		4. Sound App	
	Total session	4			
7	Sep	1	3D Designing - Tinker cad	1. 3D Designing	Draw a circle using spirograph.
		1		2. Tinker cad	
		1		3. Key chain	

		1		4. Nut	
	Total session	4			
8	Sep	1	Arduino-Coding - Python	1. Displaying Gas Values on LCD	
		1		2. Python Functions	Draw any logo of your choice using Python.
		1		3. Python Turtle	
		1		4. Good Night Animation - 1	
	Total session	4			
9	Sep	1	Data Science - Python	1. Introduction to pandas	
		1		2. List	chart for your monthly expenditure.
		1		3. Dictionaries	
		1		4.DataFrame	
	Total session	4			