

Grade	Month	Number of Sessions	Name of the Topics	Name of Activity	Extra Activities
1	August	1	Early Simple machine	1. Pinball	Assessment
		1		2. Ferris wheel	Create your own stories and go shopping on Scratch Jr.
		1		3. Maze	
		1		4. classic carousel	
	Total session	4			
2	August	1	Paper Circuit	1. Taxi taxi	Assessment
		1		2. Arctic rider	Make a birthday card using paper circuits.
		1		3. Introduction to paper circuit	
		1		4. Hanging a Bulb	
	Total session	4			
3	August	1	Jodo Straw	1. Wheel and axle	Assessment
		1		2. Incline Plane	Draw your own character and animate it.
		1		3. Lines	
		1		4. Angles	
	Total session	4			
4	August	1	Robotics – Simple Machine Kit	Basic of electronics	Assessment
		1		Open and Close Circuit	Create a smiley face on a dot matrix.
		1		Introduction to display device	
		1		Final Project	
	Total session	4			
5	August	1	Robotics	1. Car	Assessment
		1		2. Golf bot	Create any game using Arduino and a switch.
		1		3. Package mover bot	
		1		4. Gripper Bot	
	Total session	4			
6	August	1	Robotics and Hands-on Activity	1. complex machine	Assessment
		1		2. final project	Display a text message on the LCD display.
		1		3. Reflection by plane mirror	
		1		4. Like and unlike poles	
	Total session	4			
7	August	1	Robotics – Arduino	1. Introduction to Robotics and mechanic	Assessment
		1		2. Types of movements	Draw a circle using spirograph.

		1		3. Motion and Time	
		1		4. Control statement	
	Total session	4			
8	August	1	Robotics – Arduino	1. Automatic Railway track barrier	Assessment
		1		2. Analog Sensor	
		1		3. Code for LCD	Draw any logo of your choice using Python.
		1		4. final project	
	Total session	4			
9	August	1	Robotics	1. Introduction to Arduino	Assessment
		1		2. Introduction to Arduino software/IDE	Create a bar chart for your monthly household expenditure.
		1		3. Motor driver L298N	
		1		4. Speed control robot	
	Total session	4			