

SPS Microplanner (July)

Grade	Month	Number of sessions	Name of the Topics	Name of Activity	Extra Activities
1	July	1	Junior Scratch	Dance party	
		1		Under the sea	
		1		Outer space	
		1		Final Project/Activity	
	Total Sessions	4			
2	July	1	Junior Scratch	Look both ways	
		1		Haunted house	
		1		Gymnast Penguin	
		1		Final Project/Activity	
	Total Sessions	4			
3	July	1	Scratch	Draw your own character	
		1		Dribble the basketball	
		1		Animate a bear	
		1		Final Project/Activity	
	Total Sessions	4			
4	July	1	A-Blox	LED Chaser (i.e LEDs Blinking)	
		1		Display name on LCD	
		1		Create Smilies on LED Dot Matrix	
		1		Final Project/Activity	
	Total Sessions	4			
5	July	1	A-Blox	RGB LED interfacing	
		1		Rainbow	
		1		Display emojis	
		1		Final Project/Activity	
	Total Sessions	4			

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6	July	1	A-Blox	LED Chaser (i.e LEDs Blinking), Traffic Light Signal	
		1		LED Dot Matrix, Display name on LCD	
		1		Glowing LED with Switch, LED Fading, RGB LED	
		1		Final Project/Activity	
	Total Sessions	4			
7	July	1	Python Turtle	Circle Spirograph, Square design, Complex geometric patterns using basic shapes	
		1		Loops (Simple Loop & Nested Loop)	
		1		Operators, Conditional Statement	
		1		Final Project/Activity	
	Total Sessions	4			
8	July	1	Python Turtle	Circle Spirograph, Square design, Complex geometric patterns using basic shapes	
		1		Loops (Simple Loop & Nested Loop)	
		1		Operators, Conditional Statement	
		1		Final Project/Activity	
	Total Sessions	4			
9	July	1	Python Turtle	Circle Spirograph, Square design, Complex geometric patterns using basic shapes	
		1		Loops (Simple Loop & Nested Loop)	
		1		Operators, Conditional Statement	
		1		Final Project/Activity	
	Total Sessions	4			