S.NO	Topic	Sub topic	Sub Sub topic	Content and Details.
		5TH STD CURRICULUM		
S.NO	**Topic**	**Sub topic**	**Sub Sub topic**	**Content and Details.**
1	Computer	1.1 Variety of computers and Parts of computer		Caculator, Tab, Laptop, Deskstop etc..
		1.2 Hardware		Physical parts of a computer, such as the monitor, keyboard, hard disk.
		1.3 Software		Instructions and data processed by a computer.
2	Internal Device	2.1 CPU, RAM, Hard Disk, Motherboard		
3	External Device	3.1 Input device		Keyboard, Mouse and Scanner.
		3.2 Output Device		Moniter, Speaker, Printer and Projecter.
4	Secondary storage			Pendrive(USB), CD.
5	Windows UI	5.1) Start Button		Usage of start button.
		5.2) Icon		Picture of the app on the desktop.
		5.3) Task Bar		A bar located at the bottom of the screen. The taskbar allows you to locate and launch programes through the start button or view any program that is currently open.
		5.4) System tray or Notification area		To view the charger percentage, Internet connection, volume, calender, date and time.
		5.5) Minimize Symbol		Reducing the window to the task bar.
		5.6) Maximize Symbol or Restore Button		Maximum Original size.
		5.7) Close Symbol		Close the application.
		5.8) Multi tasking		Working with multiple apps.
		5.9) Shut down		Power off the system.
		5.10) Restart		Restart the computer.
		5.11) Windows on		
		5.12) Sleep		
6	File	6.1) Folder		It is a small part of hard disc
			6.1.1) Folder icon	Permanant folder colour is yellow.
			6.1.2) Folder shortcut key (Ctrl + shift + N)	It is shortcut key for creating new folder.
			6.1.3) File operations	File create, delete, copy, Move
		6.2) Files	6.2.1) File properties	File size, date, File information
			6.2.2) File types	Audio, video, document, picture, File extension
			6.2.3) Search	Serach using Cortana in the task bar.
			6.2.4) Recycle Bin	Restore the files or folders, etc,..
7	Open office - Text document	7.1) Screen layout	7.1.1) Title bar	Shows file name application that you are working with.
			7.1.2) Menu Bar	It consists of various commands.
			7.1.3) Tool Bar	Standard Tool Bar.
			7.1.4) Ruler	It shows the width of the document which can be increased or decreased.
			7.1.5) Drawing Tool	Has many shapes in it, choose the tool and draw it.
			7.1.6) Properties or Formating Tool	It is for formating the document.
			7.1.7) Workspace area	It is the area where the text can be entered.
		7.2) Typing text	7.2.1) Insert word	It is the workspace area where the text can be entered.
			7.2.2) Insert sentence	It is the workspace area where the words can be entered.
			7.2.3) Insert Paragraph	It is the workspace area where the sentences can be entered.
			7.2.4) Navigate in the text	Use arrow keys and mouse click to move to specific positions in the text.

			7.2.5) Modify word	Use Backspace key to erase the text.
			7.2.6) Tamil typing	Type Tamil text in the workspace area. Using Bamini font
		7.3) Selection Method	7.3.1) Shift + Arrows	To change anything in the text we have to select the text using this.
			7.3.2) Left click + Dragging	
			7.3.3) Ctrl + A	
			7.3.4) Double click	
			7.3.5) Triple click	
		7.4) Font style and text appearance	7.4.1) Font Name	These are font styles.
			7.4.2) Font Size	
			7.4.3) Bold(ctrl+B)	
			7.4.4) Italic(ctrl + I)	
			7.4.5) Underline(ctrl + U)	
			7.4.6) Shadow	
			7.4.7) Bullets	
		7.5) Colours	7.5.1) Font colour	To change the text colour.
			7.5.2) Highlighting	To Highlight the word.
			7.5.3) Background	To change the workspace area colour.
		7.6) Editing Operations	7.6.1) Cut – Ctrl + X	To cut the text in that specific place & they should know text will no more be available in workspace area.
			7.6.2) Copy – Ctrl + C	To copy a text & they should know that it will be available in the workspace area then also.
			7.6.3) Paste – Ctrl + V	After cutting or copying to paste the text in other place.
			7.6.4) Undo - Ctrl + Z	
			7.6.5) Redo - Ctrl + Y	
		7.7) File Operation	7.7.1) Save – Ctrl + S	To Save the file.
			7.7.2) Open - Ctrl + O	To open saved files.
			7.7.3) New - Ctrl + N	To insert a new text document.
		7.8) Align	7.8.1) Left – Ctrl + L	Align the text left.
			7.8.2) Right - Ctrl + R	Align the text right.
			7.8.3) Center - Ctrl + E	Align the text center.
		7.9) Picture Insert		Insert the picture in from file.
	8	Open office – Presentation			
		8.1) Basic Impress	8.1.1) Animation	It is the presentation graphics part.
			8.1.2) Properties or Formatting Tool	It is for formating the slide.
			8.1.3) Slide	Presentation can be made up of a number of pages or slides.
			8.1.4) Layout	It is slide layout and workspace area.
			8.1.5) Font work Gallery	It is text stlye.
			8.1.6) Master pages	To create Backround for slide.
			8.1.7) Custom Animation	It is can be used to create small story boards by animating picture to Enter, exit or Move.

			8.2) Slide Transition	8.2.1) It is can be used to create presentation by animating slide to Enter, exit or Move.	Selected slide can be animated Slow or Medium or Fast.
				8.2.2) Sound	To add a sound to slide and picture.
			8.3) Advance slide	8.3.1) On mouse click	To Play the presentation, control can be used on mouse click.
				8.3.2) Automatically after	Play the presentation without control can be Automatically done.
			8.4) Slide show	8.4.1) Play	Preview in current page.
				8.4.2) Slide show (F5)	It is preview in full screen.
			8.5) Advanced Operations	8.5.1) Video Insert	Used in Insert tool.
				8.5.2) Picture Insert	Used in Insert tool.
	9	Other applications of computers	9.1) Camera		Take Photos from laptop camera.
			9.2) Video		Take vedio from laptop camera.
			9.3) Format Manipulation		To Format changed used in Format factory or Media cope
			9.4) Audio		Audio record.
			9.5) USB		Transfer files between machines.
			9.6) Mobile		Transfer files (photos) from mobile.
	10	Introduction to Programming	10.1) Procedural opereations	10.1.1) Activity	Usage and Real activity with students. Use chalk
					Sound, Say, Background, Show, Hide, Wait, Score, Set colour, Speed, Mood, Pattern, Pixels, Degrees, Set pen width.
			10.2) Turning		Move forward, Move Backward, Go straight, Turen left, Turn right.
	11	Basic programming	11.1) Drag and drop		Use the drag & drop option to make new object(Students will learn joining properties).
			11.2) Directions		Left, Right, Forward, Backward, Straight.
			11.3) Sequence of operations	11.3.1) Debugging	Modify an existing program to solve errors in the maze puzzle
				11.3.2) Collect	Collecting Treasure with Laurel
			11.4) Loop		Use repeat condition for learn loop, Repeat until, Forever
			11.5) Conditional statement		Simple If, If-else, If path, do-else
			11.6) Binary		Writing words in the code
			11.7) Data		Facts and statistics collected together for reference or analysis.
			11.8) Events		An event is something that happens
				11.8.1) Comment	Express an opinion or reaction in speech or writing.
				11.8.2)Charactors	Use keybords keys for events.