

# CURRICULUM

Sr.	Topics	Subtopics	Details
I <sup>st</sup> & II <sup>nd</sup> Standard			
1	About Computer	1.1 Types of Computer	Desktop, Laptop, Tab, Cell phone & Calculator.
		1.2 Parts of a Computer	Monitor, Keyboard, Mouse, Track Pad, System Unit
		1.3 Switch On	How to on Laptop & desktop safely and proper state.
2	Basic Computer Usage	2.1 Mouse handling	How to move the mouse in position and usage of Left and Right clicks such as, dragging in the picture, double clicking.
		2.2 keyboard handling	How to use keyboard and functions of special keys that is shift, caps lock, Alphabet, Numbers and Enter key, Arrow keys.
III <sup>rd</sup> Standard			
1	About Computer	1.1 Types of Computer	Desktop, Laptop, Tab, Cell phone & Calculator.
		1.2 Parts of a Computer	Monitor, Keyboard, Mouse, Track Pad, System Unit
		1.3 Switch On/Off	How to on Laptop & desktop safely and proper state.
2	Basic Computer Usage	2.1 Mouse handling	How to move the mouse in position and usage of Left and Right clicks such as, dragging in the picture, double clicking.
		2.2 keyboard handling	How to use keyboard and functions of special keys that is shift, caps lock, Alphabet, Numbers and Enter key, Arrow keys.
3	Tux Paint	3.1 Painting	Drawing filling colours related options (Paint brush, Brush model, Brush thickness, colour)
		3.2 Quit	How to close the Tux paint files.
		3.3 New slide	How to create the New slide, Save and open.
		3.4 Stamp	Click and fix the Animal picture, bird's picture, Things, house, Fruit, House, Things, Models, costumes and how to apply size increase, decrease, Flip, Opposites sides, up, down in the picture.
		3.5 Text & Label	Write the Text model text resize the size, Bold & Italic.
		3.6 Line	Create line Brushes and width in brushes.
		3.7 Shapes	Drawing the Square, Rectangle, Triangle, Circle, Pentagon, and Ellipse in more than shapes.
		3.8 File Operations	How to Save& print the file. Reopen. Slide show.
		3.9 Special Options	Click Magic options Drawing and filling colour related options (Fill colour, bricks. Grass....)
		3.10 Eraser	How to erase Paint and Drawing in the pictures.
		3.11 Redo	Redrawing the same picture.
		3.12 Undo	To correct mistakes without eraser option.

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Sr.	Topics	Subtopics	Sub Subtopics	Details
IV <sup>th</sup> Standard				
1	Computer	1.1 Variety of Computer		Calculator, Tab, Laptop, Desktop etc.
2	Internal Device			CPU, RAM, Hard Disk, Motherboard
3	External Device	3.1 Input device		Keyboard, Mouse and Scanner.
		3.2 Output Device		Monitor, Speaker, Printer and Projector.
4	Storage	4.1 Primary storage		
		4.1 Secondary storage		Pendrive (USB), CD, Floppy.
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 programs through the start button or view any program that is currently open.	
		5.4 System tray	To view the charger percentage, Internet connection, volume, calendar, date and time.	
		5.5 Minimize Symbol		Reducing the window to the task bar.
		5.6 Restore Down		Reduce the window on screen.
		5.7 Maximize Symbol		Maximum Original size.
		5.8 Close Symbol		Close the application.
		5.9 Multi tasking		Working with multiple apps.
		5.10 Shut down		Power off the system.
		5.11 Restart		Restart the computer.
6	File			It is a small part of hard disc
		6.1 Folder	6.1.1 Folder colour	Permanent 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 types	Audio, video, document, picture, File extension
6.2.2 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 Formatting Tool	It is for formatting 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.

Sr.	Topics	Subtopics	Sub Subtopics	Details
			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	Open Office - Text Document		7.2.4 Navigate in the text	Use arrow keys & 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 Hindi typing	Type Hindi text in the workspace area using Kruti Dev fonts.
		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 Select All (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	
		7.6 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)	To undo the last Work
			7.6.5 Redo (Ctrl + Y)	To redo the last undo
		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.
			7.7.4 Save as (Ctrl + Shift + S)	To save the file with other name.
		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 Centre (Ctrl + E)	Align the text centre.
		7.9 Picture Insert		Insert the picture in from file.
8	Open Office - Presentation	8.1 Basic Impress	8.1.1 Introduction	Present the content of any topic in a structured format.
			8.1.2 Properties or Formatting Tool	It is for formatting the slide.
			8.1.3 Slide	Presentation can be made up of a

Sr.	Topics	Subtopics	Sub Subtopics	Details
				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 style.
			8.1.6 Master pages	To create Background 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.
Sr.	Topics	Subtopics	Sub Subtopics	Details
8	Open Office - Presentation	8.2 Slide Transition	8.2.2 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.

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<b>V<sup>th</sup> Standard</b>				
<b>1</b>	Computer	1.1 Variety of Computer		Calculator, Tab, Laptop, Desktop etc.
		1.2 Parts of Computer	1.2.1 Hardware	Physical parts of a computer, like the monitor, keyboard, hard disk.
			1.2.2 Software	Instructions and data processed by a computer.
<b>2</b>	Internal Device			CPU, RAM, Hard Disk, Motherboard
<b>3</b>	External Device	3.1 Input device		Keyboard, Mouse and Scanner.
		3.2 Output Device		Monitor, Speaker, Printer and Projector.
<b>4</b>	Storage	4.1 Primary storage		
		4.1 Secondary storage		Pendrive (USB), CD, Floppy.
<b>5</b>	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 programs through the start button or view any program that is currently open.	
		5.4 System tray	To view the charger percentage, Internet connection, volume, calendar, date and time.	
		5.5 Minimize Symbol		Reducing the window to the task bar.
		5.6 Restore Down		Reduce the window on screen.
		5.7 Maximize Symbol		Maximum Original size.
		5.8 Close Symbol		Close the application.
		5.9 Multi tasking		Working with multiple apps.
		5.10 Shut down		Power off the system.
		5.11 Restart		Restart the computer.
		5.12 Windows On		
		5.13 Sleep		Monitor will off but System will on.
<b>6</b>	File			It is a small part of hard disc
		6.1 Folder	6.1.1 Folder colour	Permanent 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, data, file information
			6.2.2 File types	Audio, video, document, picture, File extension
			6.2.3 Search	Search using Cortana in the task bar.
			6.2.4 Recycle Bin	Restore the files or folders, etc,
<b>7</b>	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

Sr.	Topics	Subtopics	Sub Subtopics	Details
				document which can be increased or decreased.
			7.1.5 Drawing Tool	Has many shapes in it, choose the tool and draw it.
7	Open Office - Text Document		7.1.6 Properties or Formatting Tool	It is for formatting 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.
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		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 Select All (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)	To undo the last Work
			7.6.5 Redo (Ctrl + Y)	To redo the last undo

Sr.	Topics	Subtopics	Sub Subtopics	Details		
		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.		
			7.7.4 Save as (Ctrl + Shift + S)	To save the file with other name.		
		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 Centre (Ctrl + E)	Align the text centre.		
		7.9 Picture Insert		Insert the picture in from file.		
		8	Open Office – Spreadsheet	8.1 Basic Spreadsheet	8.1.1 Cell	It is basic unit of worksheet where numbers, text, formulae, etc, can be placed.
					8.1.2 Row	Cells that are arranged horizontally are given numbers 1, 2, 3 ...is called rows.
8.1.3 Column	Cells that rearranged vertically are given letters A, B, C ...is called columns.					
8.1.4 Sheet	Group of cells/rows columns.					
8.1.5 Cell Address	Current cell name.					
8.1.6 Insert Column	Insert a new column. Use in Insert tool or else right click and choose option.					
8.1.7 Insert Row	Insert a new Row. Use in Insert tool or else right click and choose option.					
8.1.8 Insert New Sheet	Insert a new sheet. Use in Insert tool.					
8.1.9 Merge cell/Split cell	To combine two or more cells.					
8.1.10 Wrap text	If the cell has insufficient space for the text uses it to wrap the text.					
8.1.11 Cell border	Outline cell border.					
8.1.12 Formulas	It is Values and name function or operators. Only Sum operator.					
8.2) Editing Operation	8.2.1 Cut			Select and cut the cell or row or column. Press right click button click - cut.		
	8.2.2 Copy			Select and copy the cell or row or column then where you want to the place copy it.		
	8.2.3 Paste			After cutting or copying in the document then paste in the other place.		
	8.2.4 Delete row			Choose the unwanted row click the right click button delete the row.		
		8.2.5 Delete Column	Choose the unwanted Column click the right click button delete the Column.			
		8.2.6 Resize	Resize the Column and row.			

Sr.	Topics	Subtopics	Sub Subtopics	Details
			Column/Row	
9	Open Office – Presentation	9.1 Basic Impress	9.1.1 Animation	It is the presentation graphics part.
			9.1.2 Properties or Formatting Tool	It is for formatting the slide.
			9.1.3 Slide	Presentation can be made up of a number of pages or slides.
			9.1.4 Layout	It is slide layout and workspace area.
			9.1.5 Font work Gallery	It is text style.
			9.1.6 Master pages	To create Background for slide.
			9.1.7 Custom Animation	It is can be used to create small story boards by animating picture to Enter, exit or Move.
9	Open Office – Presentation	9.2 Slide Transition	9.2.1 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.
			9.2.2 Sound	To add a sound to slide and picture.
		9.3 Advance slide	9.3.1 On mouse click	To Play the presentation, control can be used on mouse click.
			9.3.2 Automatically after	Play the presentation without control can be Automatically done.
		9.4 Slide show	9.4.1 Play	Preview in current page.
			9.4.2 Slide show (F5)	It is preview in full screen.
		9.5 Advanced Operations	9.5.1 Video Insert	Used in Insert tool.
			9.5.2 Picture Insert	
10	Other Applications Of Computers	10.1) Camera		Take Photos from laptop camera.
		10.2) Video		Take video from laptop camera.
		10.3) Format Manipulation		To Format changed used in Format factory or Media cope
		10.4) Audio		Audio record.
		10.5) USB		Transfer files between Computers.
		10.6) Mobile		Transfer files photos from mobile.



# CURRICULUM

Sr.	Topics	Subtopics	Details
<b>VI<sup>th</sup> Standard</b>			
<b>1</b>	Operating System	1.1 What is OS?	What does the OS do? Managing Resources, Providing User Interface, Running Applications, Support for built-in Utility Programs, Control Computer Hardware
		1.2 Types of OS	Windows, Mac, Unix, Linux, Android, iOS.
<b>2</b>	Windows	2.1 Windows Versions and usage of OS.	How to identify it? Where is it installed? What will get wiped out when you upgrade?
		2.2 Multi finger gestures.	Usage of double finger, Triple finger and four fingers move on the track pad at the same time.
		2.3 Folders, Icons, Apps	Common Folders. Drives. Storage of files. Move of files in same drive vs diff drives. Copying between folders. Different views in windows explorer. Using windows explorer. Traversing to a directory. Tree structure of directories. Deleting files. System tray
		2.4 File	File extensions. What happens when you single click or double click on a file? Multiple ways to reach/open a file – through an app like Open Office or through Windows Explorer or through search. File properties – size, type, time created, time accessed etc.
		2.5 Task manager	Usage of Task Manager, Killing a process. Processes and visible apps. System resources used by processes. Ctrl + Alt + Del, Right click on Task manager.
<b>3</b>	Open office	3.1 Text document.	Object Wrapping [Right click on the shape and use some features], Shadows, High light the text, Unicode text.
		3.1.1 Table	How to create table, Insert row and column. Delete column cell and row.
		3.2 Spreadsheet	Freeze the row, change the records in Ascending and Descending order, Paste special, Enter inside a cell (Ctrl + Enter).
		3.3 Presentation	Create a presentation.
<b>4</b>	Internet	4.1 Wi-Fi	Connect to Wi-Fi.
		4.2 Hotspot	Turn the hotspot on or off.
		4.3 Browser	Types of Browsers, Chrome, Firefox, Edge, Internet Explorer.
		4.4 Basic browsing	
<b>5</b>	Introduction to Programming	5.1 Procedural operations in 4*4 grid with real people.	Usage Real Activity.
		5.2 Directions and orientation.	Right, Left, Straight. Absolute vs relative.
		5.3 Pseudo code or Flow chart.	Hand written program.
<b>6</b>	Basic Programming	6.1 Procedural operations	Describes a “simple” action. Take one step forward. Turn right. Turn left. Emit a sound, Write hello. Etc.
		6.2 Sequence of operations.	Take a step forward – 5 times. Mix of operations in a defined order.
		6.3 Operators	Logical, relational etc.
		6.4 Conditional	Simple If.

Sr.	Topics	Subtopics	Details
		statement	If-else.
			Else if ladder
		6.5 Loops	Repeated condition.

## CURRICULUM

Sr.	Topics	Subtopics	Details
<b>VII<sup>th</sup> Standard</b>			
1	Operating System	1.1 What is OS?	What does the OS do? Managing Resources, Providing User Interface, Running Applications, Support for built-in Utility Programs, Control Computer Hardware
		1.2 Types of OS	Windows, Mac, Unix, Linux, Android, iOS
2	Windows	2.1 Windows Versions and usage of OS.	How to identify it? Where is it installed? What will get wiped out when you upgrade? Etc.
		2.2 Multi finger gestures.	Usage of double finger, Triple finger, four fingers move on the track pad at the same time.
		2.3 Folders, Icons, Apps	Common Folders. Drives. Storage of files. Move of files in same drive vs diff drives. Copying between folders. Different views in windows explorer. Using windows explorer. Traversing to a directory. Tree structure of directories. Deleting files. System tray
		2.4 File	File extensions. What happens when you single click or double click on a file? Multiple ways to reach/open a file – through an app like Open Office or through Windows Explorer or through search. File properties – size, type, time created, time accessed etc
		2.5 Task manager	Usage of Task Manager, Killing a process. Processes and visible apps. System resources used by processes. Ctrl + Alt + Del, Right click on Task manager.
3	Open office	3.1 Text document.	Object Wrapping [Right click on the shape and use some features], Shadows, High light the text, Unicode text.
		3.1.1 Table	How to create table, Insert row and columns. Delete column cell and row.
		3.2 Spreadsheet	Freeze the row; change the records in Ascending and Descending order, Paste special, Enter inside a cell (Ctrl + Enter).
		3.3 Presentation	Create a presentation.
4	Internet	4.1 Wi-Fi	Connect to Wi-Fi.
		4.2 Hotspot	Turn the hotspot on or off.
		4.3 Browser	Types of Browsers, Chrome, Firefox, Edge, Internet Explorer.
		4.4 Browsing and Navigating through websites.	URLs. Address bar. Hover behaviour. Left and Right Click behaviour. Scroll. Resizing of the screen. Some things redisplay and some do not. Forward and backward pages.
		4.5 Search	Search for pictures, videos and specific websites.
		4.6 New tab	New tab creation – use of memory
		4.7 Downloading	Download and save the documents, Image, and videos.
5	Introduction of Advanced	5.1 Procedural operations in 5*5 grids	Usage. Real Activity.

Sr.	Topics	Subtopics	Details
	Activity	with real people.	
		5.2 Directions and orientation.	Right, Left, straight. Absolute vs relative.
		5.3 Pseudo code or Flow chart.	Hand written program.
6	Basic Programming	6.1 Procedural operations	Describes a “simple” action. Take one step forward. Turn right. Turn left. Emit a sound, Write hello. Etc.
		6.2 Sequence of operations.	Take a step forward – 5 times. Mix of operations in a defined order.
		6.3 Operators	Logical, Relational etc.

Sr.	Topics	Subtopics	Details
6	Basic Programming	6.4 Loops	For, While, Until, Do While, Inner loops, Repeated condition.
		6.5 Conditional statement	Simple If.
			If-else. Else if ladder
7	Advance programming	Use of Scratch.	
		7.1 Backdrop(Stage)	How to Insert a backdrop, Upload a backdrop from the local file, Create a new backdrop?
		7.2 Sprite(Object)	How to Insert a sprite, Upload a sprite from local file, Create a new sprite by using paint?
		7.3 Costumes	How to create new costumes by using paint, Know about the default costumes.
		7.4 Motion	Move --> How to move the object.(Forward, Backward)
			Turn left --> Turn the specific angles in left.
			Turn right --> Turn the specific angles in right.
		7.5 Looks	Axis --> x, y positions.
			Text --> Give the information by using text
			Colour --> Change the colour effect to sprite.
			Show --> Show the sprite.
			Hide --> Hide the sprite.
		7.6 Sound	How to use default sound and select the various sound from the library
			How to record sound?
		7.7 Pen	Size --> How to increase and decrease the size of pen.
			Colour --> Change the colour of pen.
		7.8 Events	Basic events --> Flag, Key pressed, when click the sprite.
		7.9 Control	Wait
			Repeat
			Forever
			Conditional statement --> How to check the conditions by using AND operators.

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Sr.	Topics	Subtopics	Details
<b>VIII<sup>th</sup> Standard</b>			
<b>1</b>	Operating System	1.1 What is OS?	What does the OS do? Managing Resources, Providing User Interface, Running Applications, Support for built-in Utility Programs, Control Computer Hardware
		1.2 Types of OS	Windows, Mac, Unix, Linux, Android, iOS.
<b>2</b>	Windows	2.1 Windows Versions and usage of OS.	How to identify it? Where is it installed? What will get wiped out when you upgrade? Etc.
		2.2 Multi finger gestures.	Usage of double finger, Triple finger and four fingers move on the track pad at the same time.
		2.3 Folders, Icons, Apps	Common Folders. Drives. Storage of files. Move of files in same drive vs diff drives. Copying between folders. Different views in windows explorer. Using windows explorer. Traversing to a directory. Tree structure of directories. Deleting files. System tray
		2.4 File	File extensions. What happens when you single click or double click on a file? Multiple ways to reach/open a file – through an app like Open Office or through Windows Explorer or through search. File properties – size, type, time created, time accessed etc
		2.5 Task manager	Usage of Task Manager, Killing a process. Processes and visible apps. System resources used by processes. Ctrl + Alt + Del, Right click --> Task manager.
<b>3</b>	Open office	3.1 Text document.	Object Wrapping [Right click on the shape and use some features], Shadows, High light the text, Unicode text.
		3.1.1 Table	How to create table, Insert row and columns. Delete column cell and row.
		3.2 Spreadsheet	Freeze the row; change the records in Ascending and Descending order, Paste special, Enter inside a cell (Ctrl + Enter).
		3.3 Presentation	Create a presentation.
<b>4</b>	Internet	4.1 Wi-Fi	Connect to Wi-Fi.
		4.2 Hotspot	Turn the hotspot on or off.
		4.3 Browser	Types of Browsers, Chrome, Firefox, Edge, Internet Explorer.
		4.4 Browsing and Navigating through websites.	URLs. Address bar. Hover behaviour. Left and Right Click behaviour. Scroll. Resizing of the screen. Some things redisplay and some do not.
		4.5 Search	Search for pictures, videos and specific websites.
		4.6 New tab	New tab creation – use of memory
		4.7 Downloading	Download and save the documents and videos.
		4.8 Uploading	Upload your document, audio, etc to a site
		4.9 Mail	Using E- Mail.
		4.10 Sent, Inbox	How to send and receive? (Usage of Mail)
		4.11 Video call	Video call and chatting
		4.12 Book mark	Usage.
		4.13 Structure of Internet	Clients and Servers talking to each other over the cloud.

Sr.	Topics	Subtopics	Details
5	Introduction of Advanced Activity	5.1 Procedural operations in 5*5 grids with real people.	Usage. Real Activity.
		5.2 Directions and orientation.	Right, Left, straight. Absolute vs relative.
		5.3 Pseudo code or Flow chart.	Hand written program.
6	Basic Programming	6.1 Procedural operations	Describes a “simple” action. Take one step forward. Turn right. Turn left. Emit a sound, Write hello. Etc.
		6.2 Sequence of operations.	Take a step forward – 5 times. Mix of operations in a defined order.
		6.3 Operators	Arithmetic, Boolean, relational etc.
		6.4 Loops	For, While, Until, Do While, Inner loops, Repeated condition.
		6.5 Conditional statement	Simple If.
			If-else.
			Else if ladder
7	Advance programming	Using Scratch.	
		7.1 Backdrop(Stage)	How to Insert a backdrop, Upload a backdrop from the local file, Create a new backdrop?
		7.2 Sprite(Object)	How to Insert a sprite, Upload a sprite from local file, Create a new sprite by using paint?
		7.3 Costumes	How to create new costumes by using paint, Know about the default costumes.
		7.4 Motion	Move --> How to move the object.(Forward, Backward)
			Turn left --> Turn the specific angles in left.
			Turn right --> Turn the specific angles in right.
			Axis --> x, y positions.
		7.5 Looks	Text --> Give the information by using text
			Colour --> Change the colour effect to sprite.
			Show --> Show the sprite.
			Hide --> Hide the sprite.
		7.6 Sound	How to use default sound and select the various sound from the library
			How to record sound?
		7.7 Pen	Size --> How to increase and decrease the size of pen.
			Colour --> Change the colour of pen.
		7.8 Events	Basic events --> Flag, Key pressed, when click the sprite.
		7.9 Custom events	Broadcast the message and wait.
		7.10 Control	Wait
			Repeat
			Forever
			Conditional statement --> How to check the conditions by using variables and operators.
		7.11 Sensing	Touching mouse pointer.
			Touching the specific colour.
		7.12 Variables	Storing state information.