

## **CURRICULUM – COMPUTER**

Month	Topic	Teaching method	Learning outcome	Art Integration
April	Computer --A Magic Machine-	1. Describe Living and non-living things/Natural/Man made things 2. Showing video 3. Try to relate the concept with its practical aspects 4. Activity- to analyse their understanding of the topic 5. Activity-Online worksheets question /answer round, 6. Worksheets for homework 7. Chapter reading and explanation	They will be able to recognize natural and man - made things. They will be able to identify the different types of machines and to identify the computer as a machine. They will be able to understand the characteristics of a computer. They will be able to be able to recall the chapter by doing back exercise	Color the picture of computer
May	Computer - its parts and uses	Teacher explanation of assignments • Completion of computer activity worksheets • Observation and handling of computer parts	They will be able to recognize the four main parts of a computer. They will be able to identify the purpose of these parts. They will be able to understand the different uses of a computer.	Find the missing part of the computer and write it
July	The Keyboard and Mouse :	Students will type all of the vowels and all of the consonants • Students will type all letters on the home row key • Students will type numbers 1-20 • Practice typing punctuation and symbol keys • Type words using the space bar and delete/backspace keys as dictated By showing the pictures of the mouse teacher will explain the buttons (left, right, and scroll wheel) and	They will be able to understand the various features of keyboard They will be able to identify the different types of keys and their functions They will be able to identify the different types of keys and their functions They will be able to learn about the different parts and functions of a mouse	discussion between two groups about 'Computer Mouse vs Real Mouse'

		Demonstrate how to point and click and how to double click.		
August	Paint Introduction :	Construct pictures using the pencil tool • Draw and color using the paint bucket tool • Paint a picture using the pencil and paintbrush • Draw pictures using shape tools • Type words using the text tool • Use the line tool and spray can to create pictures • Demonstrate proper use of the eraser tool	They will be able to start the program, to understand various tools in the tools group, to draw different shapes using shapes group, to draw different shapes using shapes group, to be able to save your work for future	Creating a kite
September	Revision	Revision worksheet Revision test	They will be able to recall the chapters	
October	Data and memory	Discussion and explanation of the topic by showing the pictures	They will be able to know how a computer works They will be able to understand the concept of data and information They will be able to understand the need of memory in a computer	
November	Tux Paint	Understanding Tux Paint as a free drawing program used to draw different shapes and drawings. Learning the steps to open a new drawing in Tux Paint. Creating a scenery in Tux Paint program using various tools such as Lines tool, Paint tool, Fill tool, Stamp tool, Magic tool, Text tool, Save tool. Creating different scenes of a story and running them one after the other as a slide show.	They will be able to make drawings in the computer using tux paint They will be able to use different tools to draw and color in tux paint They will be able to open, save and quit tux paint	draw a picture of your own choice in tux paint
December	Patterns and puzzles	Pattern, identify the color pattern Identify the shape pattern, identify the size pattern Decomposition, activity : how many Arranging , activity : fruits in the basket	They will be able to understand and identify the pattern around us They will be able to be able to break down a task into smaller parts They will be able to be able to arrange objects or data in a particular	

January	Let's Draw with AI	Meaning of artificial, difference between natural and artificial things Meaning of intelligence, and artificial intelligence Autodraw: starting autodraw	They will be able to learn about the terms 'Artificial' and 'Intelligence' They will be able to understand about AI They will be able to create drawing using AutoDraw	making pictures in autodraw
February	Revision	Revision worksheet Revision test	They will be able to recall the chapters	---