VIGNANA JYOTHI PUBLIC SCHOOL

G-16A, Madhura Nagar, Hyderabad -500038

YEAR PLAN: 2022- 23

Class - IV

Subject: Computers

	Month	Chapters	Activity
TERM-1	**April**	**1. Input and Output Devices** a) Computer System b) Input Devices c) Output Devices	Project work and Practicals.
	June	**1. Input and Output Devices** d) Central Processing Unit (CPU) **2. Memory and Storage** a) Computer Memory	Project work and Practicals.
	July	**2. Memory and Storage** b) Internal Memory c) External Memory *** Revision for Mid Term-1**	Project work and Practicals.
	August	**3. Working with Files and Folders** a) Starting Windows b) File Explorer c) Context Menu	Project work and Practicals.
	September	**3. Working with Files and Folders** d) Files and Menu e) Shortcut Icon **4. Algorithms and Flowcharts** a) Algorithms	Project work and Practicals.
	October	**4. Algorithms and Flowcharts** b)Flowcharts c) Examples of Flowcharts d) Conditional Statements *** Revision for Term-1**	Project work and Practicals.

	Month	Chapters	Activity

Term II	**November**	**5. Introduction to Scratch**
		  a) Scratch
		  b) Starting Scratch
		  c) Main Components of Scratch
		  d) Moving a Sprite
		  e) Drawing a Colourful Circle
		  f) Making a Duplicate Copy of a Sprite
		  g) Saving a File
		  h) Opening a Saved Project
			Project work and Practicals.

	December	**6. Simple Movement of a Sprite**
		  a) Changing the Appearance of a Sprite
		  b) Making a Sprite Say Something
		  c) Repeating Actions
		  d) Adding Sound
		*Revision for Mid Term - 2
			Project work and Practicals.

	January	**7. More on Scratch**
		  a) More components of Scratch
		  b) Adding a New Sprite
		  c) Working with Two Sprites
		  d) Setting the Sprite's Position
		  e) Setting the Rotation Style
		  f) Changing the Pen Shade
		  g) Changing the Backdrop
			Project work and Practicals.

	February	**8. The Internet - An Introduction**
		  a) Uses of the Internet
		  b) Basic Terminology
		  c) Opening a Web Page
		  d) Responsibilities of a Good Digital Citizen
		* Revision for Term - 2
			Project work and Practicals.