RUBY PARK PUBLIC SCHOOL

SYLLABUS FOR THE ACADEMIC SESSION 2022-23

Subject – Computer

CLASS – VI

Month	Unit	Topic	Sub - Topic
April	1.	Creating Simple Images	Creating a new image file, setting Image Size, Using pencil to create an Image, Changing Background - applying Colors, Blends.
	2.	Using Selection Tools	Using Selection Tools- Rectangle, Ellipse, Free select, Scissor select, Select by Color, Adding and subtracting Selections.
May	Revision & Pre-Mid-Term		
June	3.	Creating Collage	Copying and pasting images, Combining images using layers, Feathering selection, Setting opacity of layers, Transforming images.
July	4.	Emphasizing Images	Using Text Tool, Layer Mask.
	5.	Managing Images	Using Color Balancing, Changing Brightness and Contrast, Rectifying Damages – Clone Tool & Heal Tool.
August	6.	Introduction to Networking	Define network, Importance of networking, LAN, MAN & WAN) Protocols, Topologies.
	7.	Beginning with Programming	Introduction to PLT & Algorithm, Creating Basic Pseudocode, Practice Exercise for Creating Pseudocode.
September	Revision & Mid-Term		
September	8.	Programming with QBASIC	Creating a simple QBASIC Program using print statements, arithmetic operators, input & print statements
October	8.	Programming with QBASIC	Creating a simple QBASIC Program using print statements, arithmetic operators, input & print statements

November	9.	Programming Using Flowcharts	Understanding different Flowchart symbols, Creating basic Flowcharts.
	10.	Creating Programs Using Conditions	Creating Flowcharts for conditional constructs, Creating a QBasic program to use conditional operators and constructs.
December	Revision & Mid-Term		
	10.	Creating Programs Using Conditions	Creating Flowcharts for conditional constructs, Creating a QBasic program to use conditional operators and constructs.
January	11.	Programming Using Loops	Introduction to Loops, Creating Flowcharts for looping constructs, Creating a QBasic program to use for Loop / Do While Loop.
	12	Arrays and Strings	Introduction to Arrays, QBasic Program to use Single Dimension Arrays, QBasic Program to use Library Functions.
February	Revision & Annual		