

S.D. PUBLIC SCHOOL

ACADEMIC PLANNER OF COMPUTER SCIENCE CLASS V(2024-25)

Month/Days	Topic/Content	Exercises /Practical /Hands on
April	Ch-1 Evolution of Computers	<ul style="list-style-type: none"> • Activity on Page No.-13
No of working days -22	<ul style="list-style-type: none"> • Early Counting Tools • Abacus—First Calculating Device Pascaline Adding Machine • Leibniz Step Reckoner • Charles Babbage’s Analytical Engine, Lady Ada Lovelace’s Programs, • Herman Hollerith’s Tabulating Machine , Computer Generations 	
May	Ch-2 Working with Windows 10	<ul style="list-style-type: none"> • Discussing file and folder concept. • Activity on Page No.-21 • Worksheet-1(Page No.-22)
No of working days -18	<ul style="list-style-type: none"> • Files and Folders ,File Explorer, Organizing Files and Folders • Creating a New File or Folder, Opening Files or Folders • Selecting Files or Folders • Copying/Cutting and Pasting Files or Folders , • Renaming a File or Folder , Deleting a File or Folder , Restoring a • Deleting File or Folder 	
July	Ch-3 More on Internet	<ul style="list-style-type: none"> • Activity on Page No.-28
No of working days -25	<ul style="list-style-type: none"> • Uses of internet • Requirements to connect to internet • Common terms 	
August	Ch-4 Algorithm and Flowcharts	<ul style="list-style-type: none"> • Activities on Page No.-36 • Discussing the use of algorithms and flowcharts.
No of working days -23	<ul style="list-style-type: none"> • Algorithm • Flowcharts 	
September	Ch-5 Introduction to Scratch	<ul style="list-style-type: none"> • Demonstration of various
No of working days	<ul style="list-style-type: none"> • Uses of Scratch 	

-23	<ul style="list-style-type: none"> Starting Scratch Components of Scratch Desktop , Blocks 	features and uses of blocks.
October	Ch-5 Introduction to Scratch	<ul style="list-style-type: none"> Activity on Page No.-49
No of working days -20	<ul style="list-style-type: none"> Adding a Sprite + Changing the Backdrop Changing Appearance of Sprite Creating a new Project Saving a Project ,Opening a Project , Exiting Scratch 	
November	Ch-6 More Blocks in Scratch	<ul style="list-style-type: none"> Activity on Page No.-55.
No of working days -23	<ul style="list-style-type: none"> Setting the Sprite Position Block Categories 	
December	Ch-7 Creating Shapes in Scratch	<ul style="list-style-type: none"> Activities on Page No.-58, 59, 60.
No of working days -24	<ul style="list-style-type: none"> Pen Block, Drawing a Line in Scratch Drawing Polygons in Scratch ,Drawing a Square in Scratch, Drawing a Circle in Scratch 	
January	Ch-8 Creating a Game in Scratch	<ul style="list-style-type: none"> Hands on activity on Page No.-73
No of working days -13	<ul style="list-style-type: none"> Block Shapes in Scratch , Sensing Blocks , Variables ,Conditional Blocks ,Creating a Game 	
February	Recapitulation	<ul style="list-style-type: none"> Practise of Project Work on Page No.-79
No of working days -22	<ul style="list-style-type: none"> Revision of all topics 	