S.D. PUBLIC SCHOOL

ACADEMIC PLANNER OF COMPUTER SCIENCE (CL

Month/Days	Chapter/Content
April	**Ch-1 Evolution of Computers**
No of working days -20	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**
	Files and Folders ,File Explorer ,Organizing Files and Folders ,
No of working days -11	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 Deleted File or Folder
July	**Ch-3 More on Internet**
No of working days -24	Uses of internet
	Requirements to connect to internet
	Common terms
	Ch-4 Algorithm and Flowcharts
	Algorithm
	Flowcharts

August	**Ch-5 Introduction to Scratch**
No of working days -24	Uses of Scratch ,Starting Scratch , Components of Scratch Desktop , Blocks
	Adding a Sprite + Changing the Backdrop ☞ Changing Appearance of
	Creating a new Project , Saving a Project +, Opening a Project , Exiting Scr
September	**Ch-6 More Blocks in Scratch**
No of working days -23	Setting the Sprite Position , Block Categories
October	**Ch-7 Creating Shapes in Scratch**
No of working days -19	Pen Block, Drawing a Line in Scratch,
November	Drawing Polygons in Scratch ,Drawing a Square in Scratch ,
No of working days -21	Drawing a Circle in Scratch
December	**Ch-8 Creating a Game in Scratch**
No of working days -25	Block Shapes in Scratch , Sensing Blocks ,
January	Variables ,Conditional Blocks ,Creating a Game
No of working days -13	
Febraury	
No of working days -24	

ASS-V)
Exercise/Practical/Activity
In word 2016 type the name of different calculating devices and their inventors and save the file as Evolution of Computer"
Start Windows 10 and make note of the various components of Windows 10
Create a folder of your name on desktop
open the folder by double -clicking on it and crete a document file in it
Rename the file by your name.
Worksheet-1
Search on topic global warming using web browser.
The CT corner
Draw the algorithm for the following To swap two numbers by using temprory variable. To find compund intrest . To find greater number among two numbers A and B.
Draw the flowchart for the following To start a computer , to calculate the area of circle, To calculate simple intrest.

Worksheet-2 Test sheet-1
Activity on pg-49
Worksheet-3
Activity on pg-55
Activity on pg -63
Activity on pg-73
Worksheet-4
Test sheet -2