Bhartiya Vidya Mandir Sen. Sec. School,Sector 39, Chandigarh Road, Ludhiana

CLASS - IV SYLLABUS – COMPUTER Session 2024-2025

BOOK: CLICK CODE CONNECT

Month	Unit/Chapter/Topic	Learning Objective	Resources/Art-integarted pedagogy tools used/E-Resources		Learning Outcomes Skills Learnt by Students
APRIL	CH-1 COMPUTER-PAST AND PRESENT	Students will understand the evolution of computers and the difference between past, present, and future computers. Students will be able to identify and describe the different generations of computers.	Book, Charts, SmartBoard	https://youtu.be/gjVX47dLlN8?si=CLLYHRg_zoHaSLFb	The history of computers can give an idea of where it all began, how far they came, and how much is left to study. Studying the history of computers can provide insight into why certain equipment is popular today while others are not
MAY	CH- 2 COMPUTER MEMORY AND STORAGE DEVICES	computer memory, device that is used to store data or programs (sequences of instructions) on a temporary or permanent basis for use in an electronic digital computer. Computers represent information in binary code, written as sequences of 0s and 1s.	Charts & Lab	https://youtu.be/zKmOCwv7X-k?si=1iy8GstWTs2bzkAa	Describe common storage technologies such as optical, magnetic and solid state. Select suitable storage devices and storage media for a given application and justify their choice using characteristics such as capacity, speed, portability, durability and reliability.
JUNE			SUMMER HOLIDAYS		
JULY	CH- 3 MANAGING FILES AND FOLDERS IN WINDOWS 10	it is important to organize papers so that you can find them later, it is important to organize your computer files by creating folders and putting files inside of them.	Charts & Lab	https://youtu.be/iMZfLgnU0VI?si=hVaQFUZtNHP7cVPU	File management in an operating system refers to the processes and techniques involved in creating, organizing, accessing, manipulating, and controlling files stored on storage devices.
AUGUST	CH- 4 WORKING WITH SHAPES AND TEXT IN PAINT 3D	It allows us to draw pictures and edit them. It provides us with various tools which help in making our work easy. It also provides us with a variety of options to draw, edit, colour and send our files to anyone we want.	Lab Activity	https://youtu.be/U3aZigT14vk?si=7u8R8I_N3tfzM3_1	It refers with various shapes and tools . Students can easily draw pictures by using by using different types of tools.
SEPTEMBER			FIRST TERM EXAMS		
OCTOBER	CH-5 PARAGRAPH AND PAGE FORMATTING IN WORD 2016 AND	Formatting also makes information more accessible to the reader by creating and labeling sections (headings), highlighting key words or ideas (bold, italics, or lists), and making a good impression (professional look and feel, appropriate font choice for the document type).	Lab Activity	https://youtu.be/OeHUTLXc9U8?si=OuEKnNKM8x5NKhlU	Overall, the use of Microsoft Word in education enhances students' abilities to use technology effectively, improves their computer literacy, and facilitates the completion of school tasks
NOVEMBER	CH-6 INSERTING PICTURES AND OBJECTS IN WORD 2016	Formatting also makes information more accessible to the reader by creating and labeling sections (headings), highlighting key words or ideas (bold, italics, or lists), and making a good impression (professional look and feel, appropriate font choice for the document type).	Lab Activity	https://youtu.be/OeHUTLXc9U8?si=OuEKnNKM8x6NKhlU	Overall, the use of Microsoft Word in education enhances students' abilities to use technology effectively, improves their computer literacy, and facilitates the completion of school tasks
DECEMBER	CH- 7 PROGRAMMING SPRITES IN SCRACH	Scratch promotes computational thinking and problem solving skills; creative teaching and learning; self-expression and collaboration; and equity in computing.	Lab Activity	https://youtu.be/vF-NBAAIA_A?si=plJUzZRti_iWpwD-	*Understand what events are in Scratch. *Understand programs execute in a sequential manner once an event occurs. *Know instructions to program Sprites to move and change their color, size, and graphic effects.
JANUARY	CH- 8 INTERNET-A USEFUL TOOL	The internet is a handy tool for education and can be used to facilitate learning in a variety of ways. For instance, students can access online resources to supplement their in-class learning. This could include using web tools to research topics, do practical tasks or submit assignments.	Lab Activity	https://youtu.be/UXsomnDkntI?si=EWgRJtLEEZaXSGud	*Accessible and Economical Education. *Better Interaction between students, teachers and peers. *An Efficient Tool for Learning and Teaching. *Simple Access to High-Quality Education. *Digital Media Engagement.
FEBRUARY			REVISION		
MARCH			FINAL EXAMS		