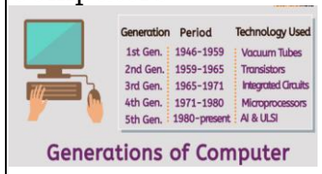
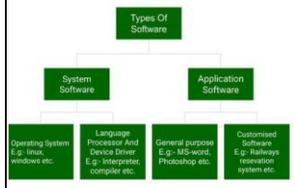
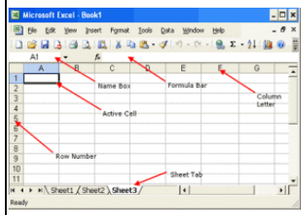
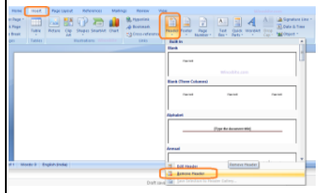
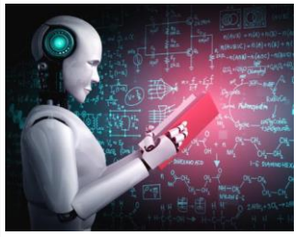
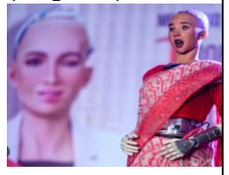
VIDYA PRATISHTHAN'S
DR. CYRUS POONAWALLA SCHOOL (CBSE)
ANNUAL CURRICULUM PLANNING 2024 –25

SUB-COMPUTER STUDIES **STD.-V**

Sr. No.	Topic	Month & Working days	Learning Objectives	Expected Learning outcomes	Activity	Teaching Aids	Assessment
1.	Generation of Computers 	April 23	• To study about the Abacus, inventors of Computers and Generation of Computers	❖ Students know history of Inventor and generations of computers. ❖ **21 Century Skill:** Collaboration Critical Thinking	❖ Write down all the inventors and their inventions in making what computers are today.	❖ Demonstration will be shown in the video on ICR.	❖ Write the history of Inventors in detail in notebooks.
2.	Types of software 	June 15	• Students will learn types of software, functions of OS and difference between hardware and software	❖ Students can understand system software and application software	❖ Write the names of popular OS and names of general purpose application software	❖ Demonstration will be shown in the video on ICR.	❖ Paste the pictures of logos of different OS and application softwares and write names below it.
3.	Microsoft PowerPoint 2016	July 25	• To enable the students to study how to add slides, insert tab, animations,	❖ Students can open Power Point Presentation and can perform different formatting in it.	❖ Prepare a presentation on any topic of your choice.	❖ Real devices will be shown and also Demonstration will be shown in the Computer Lab.	❖ Enlist different types of views in Microsoft PowerPoint 2016

			transitions, slide shows	❖ **21 Century Skill:** Critical thinking, creativity.			
4.	Introduction to Microsoft Excel 2016 	August 26	• To enable the students to start MS Excel, parts of MS Excel Windows, Data types, creating and saving workbook.	❖ Students can open MS Excel and insert data in cells. ❖ Students can use formula in MS Excel **21 Century Skill:** Technology literacy Creativity.	❖ Write down all the data types used in MS Excel in your notebook. Create a workbook and save it on your computer.	❖ Demonstration will be shown on ICR.	❖ Find the average of given numbers using formula in MS Excel
5.	Microsoft Word 2016 	September 23	• To enable the students to insert headers, footers, footnotes, endnotes and page backgrounds in MS Word 2016.	❖ To develop student' ability to create documents. **21st Century Skills** Technology literacy	❖ Open MS Word 2016; write a paragraph on any topic of your choice. Add header, footer and change the page background.	❖ Demonstration will be shown on ICR.	❖ Practical based worksheet and lab assignments.
6.	Fun with coding in Scratch 3.0	October 21	• Enable students to make games on Scratch, Create duplicate Sprite and use multiple sprites in Scratch.	❖ Students can create Scratch games **21 Century Skill:** Technology literacy Problem Solving	❖ Create duplicate Sprite and use multiple Sprites in Scratch	❖ Demonstration will be shown on ICR.	❖ Try to make in Scratch using Scratch tutorial.
7.	Algorithms and flowcharts	November 23	• To enable the students to understand algorithms and flowcharts used in computer science along	❖ Students will understand what is algorithm and flowchart and symbols used in creating a flowchart	❖ Write algorithm for finding average of two numbers ❖ Draw flowchart for addition of two numbers.	❖ Demonstration will be shown on ICR.	❖ Draw different symbols of flowcharts.

			with their advantages				
8.	Internet	December 18	• To study internet based services, harmful aspects of internet, Netiquettes and how to create Email address	❖ Students will learn Internet services like social networking, VoIP, chatting ❖ Students will understand harmful aspects like viruses, spams and malware.	❖ Visit any of the websites to find information on "Swachh Bharat Abhiyan" and create presentation on it.	❖ Demonstration will be shown on ICR.	❖ Open your own Email account
9.	Introduction to QBasic	January 23	• To develop ability to learn reserved words and syntax used in QBASIC.	❖ To study QBASIC programming language, elements of QBASIC, ❖ Statements and operators. **21st Century Skills** Problem- Solving Skills	❖ Write a program in QBASIC to input 5 numbers and display the prime numbers in it.	❖ Demonstration will be shown on ICR.	❖ Practical based worksheet and lab assignments.
10.	Artificial Intelligence 	February 23 March (03)	• Students will understand thought behind Artificial Intelligence	• Students will learn advantages and disadvantages of Artificial Intelligence	❖ Learn about world's first humanoid given citizenship (Sophia) 	❖ Presentation will be shown on the ICR.	Collect the information about Artificial Intelligent Machines and paste their pictures in your notebook.

Subject Teacher

Moderator

Principal