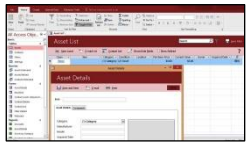
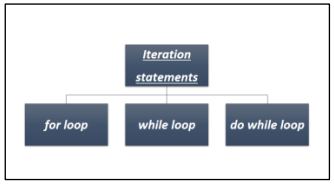
VIDYA PRATISHTHAN'S DR. CYRUS POONAWALLA SCHOOL (CBSE), BARAMATI
ANNUAL CURRICULUM PLANNING, 2022 – 2023

COMPUTER STUDIES **STD: VIII**

Sr. No.	Content/ Topic	Month and No. of Working Days	No. of Days for Teaching	Learning Objectives	Expected Learning Outcome	Activity/Practical	Teaching Aids	Assessment
1	1.Networking Concepts	June 15	3	To enable the students to study about Computer networks, types of networks, network topology and network security.	To develop student's ability to understand the terminology and components associated with networks. **21st Century Skills** Technology Literacy	1. Students will draw different topologies on a chart and explain them in the class.	Demonstration will be shown on the ICR.	Practical based worksheet.
2	2. Log on to Access	July 26	3	To enable the students to study the Types of databases, Components of MS Access, Creating a database, Data types in Access. 	To develop student's ability to understand the database concepts and explore the Microsoft Access environment. **21st Century Skills** Technology Literacy	1. Students will create a table in MS Access and displaying the details of students information.	Demonstration will be shown on the ICR.	Practical based worksheet.

3	3. Queries, Forms and Reports in Access	August 23	4	To enable the students to study how to set a relationship between tables, Queries, Forms and Reports. 	To develop student's ability to learn how to create simple and effective queries, create meaningful reports and use forms. **21st Century Skills** Technology Literacy	1. Students will create a table named 'Students Details' (Marks of 6 digits subjects). Create a query and report using the table. (Pg no 62 in the textbook.	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments.
4	4. Images, Links and Frames in HTML 5	October 17	6	To enable the students to study how to insert images, link web pages, inserting audio and video, frames and iframes. 	To develop student's ability to understand how to divide browser window into multiple sections and load separate HTML document. **21st Century Skills** Technology Literacy	1. Students will create an HTML document. They will have to do the following in the document: Add an image, Add an audio, Add an Inline frame	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments.
5	5. Learning Photoshop CS6	November 19	6	To enable the students to study the components of Photoshop CS6 window, Panels. Creating, Saving and Closing a file. Study about Selection Tools, Common Painting Tools. 	To develop student's ability to learn Photoshop interface and selection. **21st Century Skills** Technology Literacy	1. Create a sunset scenery in Photoshop CS6 using the tools you have learnt in the Chapter.	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments.

6	6. More on Photoshop	December 21	6	To enable the students to study about the Painting tools, Retouching tools, Type tool, drawing tools and layers.	To develop student's ability to learn editing, retouching, creating images and adding effects in Photoshop. **21st Century Skills** Technology Literacy	1. An image will be given/saved in the computer. Students will be editing the image, fixing the flaws, entering text and creating a duplicate of the image.	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments.
7	7.Statements In Python	January 24	6	To enable the students to study about the Control statements and types of control statements.	To develop student's ability to learn how to set up condition using statements in Python. **21st Century Skills** Technology Literacy	1. Write a program to make a simple calculator in python.	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments.
8	8. Iterative Statements	February 23	6	To enable the students to study different Iterative Statements. 	To develop student's ability to learn coding of iterative statements. **21st Century Skills** Technology Literacy and Problem-Solving Skills	1. Write a program to print squares of first 5 natural numbers and the cube of the 5th natural number.	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments.

9	9. Cutting-Edge Technologies	April 22	6	To enable the students to study about the Artificial Intelligence, Augmented Reality, Cloud computing and Big Data.	To develop student's ability to learn about new emerging technologies, techniques and achievements. **21st Century Skills** Technology Literacy	1. Write the applications of IoT (Internet of Things).	Demonstration will be shown on the ICR.	Group Discussion.
10	10. Internet Safety	April 22	4	To enable the students to study about the Data privacy, Responsible Behavior, Online banking, Safety measures and email courtesy.	To develop student's ability to learn to become responsible digital citizen and take part in online community life in an ethical and respectful way. **21st Century Skills** Technology Literacy and Social Skills	Group Discussions 1. Increasing use of social media has also raised the number of Cybercrimes. 2. Responsible Online Behavior can effectively prevent cybercrimes.	Demonstration will be shown on the ICR.	Group Discussion.

Subject Teacher **Moderator** **Principal**