

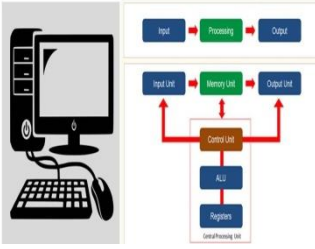



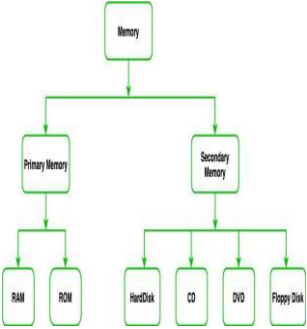

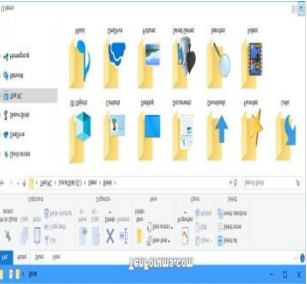
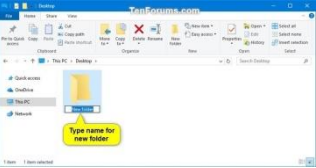
VIDYA PRATISHTHAN'S DR. CYRUS POONAWALLA SCHOOL (CBSE)

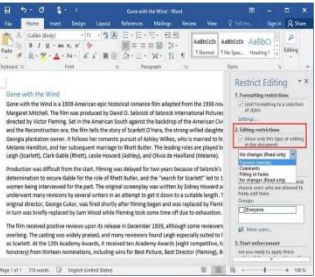
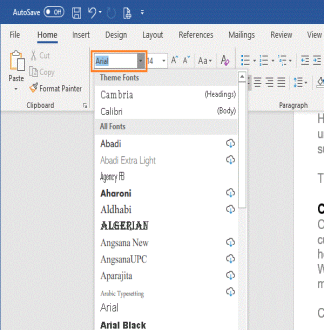
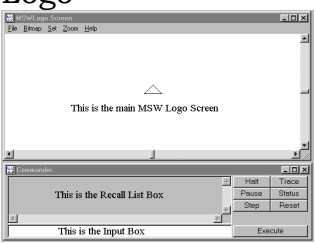
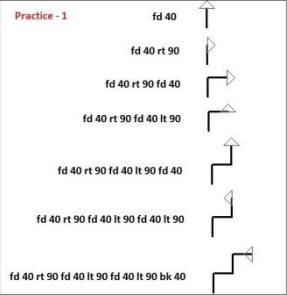
SUB-COMPUTER STUDIS

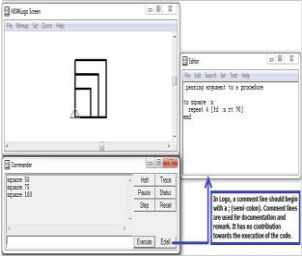
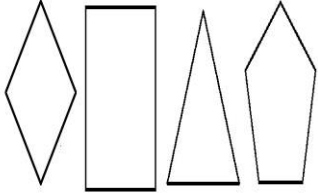
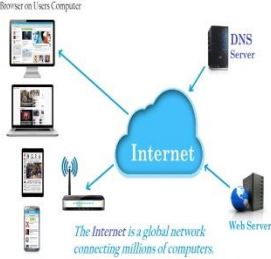
ANNUAL CURRICULUM PLANNING 2022 – 23


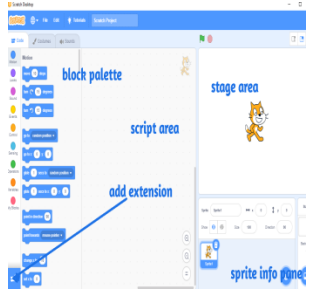
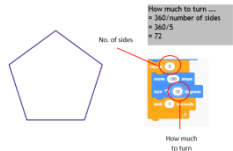

STD.-IV

| Sr. No. | Topic | Month & Working days | No. of days for teaching | Learning Objectives | Expected Learning outcomes | Activity | Teaching Aids | Assessment |
|---------|--|------------------------------------|--------------------------|---|---|--|---|---|
| 1 | Introduction to computers  | Bridge Course April (22) | 04 | <ul style="list-style-type: none"> To enable the students to study the computer system, storage devices, hardware and software and types of softwares. | ❖ Students can identify storage devices and types of softwares. | ❖ Show pictures of places where computers are used.  ❖ Show different types of computers in the video and ask the students to identify the computers. | ❖ Demonstration will be shown on the ICR. | ❖ Objective types questions |
| 2 | The Computer System  | April (22) | 04 | <ul style="list-style-type: none"> To enable the students to study the three units of computer, different Input and | ❖ Students can identify the different input and output devices. | ❖ Make a table with two separate columns and write down all the Input and Output devices.  | ❖ Demonstration v and devices will be shown on the ICR. | ❖ Label the Keys of the Keyboard. (Page no. 10) |

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| | | | | Output devices. | | | | |
| 3 | <p>Computer Memory and Storage</p>  | June (15) | 03 | <ul style="list-style-type: none">To enable the students to study about the I-P-O cycle, Memory of a computer and Types of Memory. | <ul style="list-style-type: none">❖ Students understand types of memory | <ul style="list-style-type: none">❖ Write down all the Secondary Storage devices of a computer in your notebook. (You can also draw pictures of the devices)  | <ul style="list-style-type: none">❖ Examples from the textbook, and functioning will be shown on the ICR. | <ul style="list-style-type: none">❖ Name the following storage devices.❖ (Page no. 15)❖ Objective types Questions |
| 4 | <p>MS Window 10-Files and Folders</p>  | July (26) | 04 | <ul style="list-style-type: none">To enable the students to study about the Windows 10 desktop, Icons, Files, Folders and Windows Explorer | <ul style="list-style-type: none">❖ Students can perform different function on Folder like-search, delete, rename, copy, move etc | <ul style="list-style-type: none">❖ Open windows 10, then create a new folder and also a new file in that folder.  <ul style="list-style-type: none">❖ Perform the following operations: Renaming, Moving, Coping and Restoring a file or folder. | <ul style="list-style-type: none">❖ Demonstration will be shown on the ICR | <ul style="list-style-type: none">❖ Give worksheet-1❖ Make a list of all the drives that you see on the left-hand side of the Window Explorer window. (Page no. 29) |

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| 5 | <div>Editing and Formatting in MS Word 2016</div> <div></div> | August (23) | 05 | <div><ul style="list-style-type: none">To enable the students to study about editing, selecting, inserting, replacing, copying and deleting text.Also using the formatting tool box and font dialog box</div> | <div><ul style="list-style-type: none">❖ Students can open MS Word 2016 and can perform formatting in it.</div> | <div><ul style="list-style-type: none">❖ Open MS Word 2016, using different font style and sizes. Write an essay on any topic of you choice.</div> <div></div> | <div><ul style="list-style-type: none">❖ Demonstration will be shown on the ICR.</div> | <div><ul style="list-style-type: none">❖ Give worksheet-2❖ Solve test paper-1❖ Write a story on your own and highlight the important events in the same. (Page no. 42)</div> |
| 6 | <div>More about MSW Logo</div> <div></div> | October (23) | 04 | <div><ul style="list-style-type: none">To enable the student s to learn the commands of MSW LOGO and the</div> | <div><ul style="list-style-type: none">❖ Students can open MSW Logo and can write command in the MSW LOGO program.</div> | <div><ul style="list-style-type: none">❖ Open MSW Logo and practice all the commands i.e. FD, RT, LT, BK, PPT and PE .</div> <div></div> | <div><ul style="list-style-type: none">❖ Demonstration will be shown on the ICR.</div> | <div><ul style="list-style-type: none">❖ Give the commands FD 20 and then BK 10 and see what happens. Write your observation . (Page no. 54)</div> |

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| | | | | Primitives | | | | |
| 7 | <p>MSW Logo: Repeat Commands and Creating Procedures</p>  | December (21) | 04 | <ul style="list-style-type: none">To enable the students to study Repeat command to draw polygons. Also study how to create, write, edit, save and load procedures | <ul style="list-style-type: none">❖ Students can type commands in MSW LOGO | <ul style="list-style-type: none">❖ Open MSW Logo and draw triangle, square and a pentagon using Repeat command. Also create a procedure for a circle.  | <ul style="list-style-type: none">❖ Demonstration will be shown on the ICR. | <ul style="list-style-type: none">❖ Give worksheet-3❖ Create a blank procedure with the name PROCEDURE and save it, load it and then erase it. (Page no. 65) |
| 8 | <p>Internet</p>  | January (23) | 04 | <ul style="list-style-type: none">To enable the students to study internet and its uses, websites and | Students can open web browser and identify the components of browser window. | <ul style="list-style-type: none">❖ Write down 5 uses of internet in your book.❖ Write any 4 web browsers. | <ul style="list-style-type: none">❖ Demonstration will be shown on the ICR. | <ul style="list-style-type: none">❖ Write some of the uses of internet. (Page no. 70) |

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| | | | | setting up an Internet connection. | |  | | |
| 9 | <p>Introduction to Scratch</p>  | February 04 (21) | | <ul style="list-style-type: none"> To enable the students to study about components of scratch, sprite list and opening a file in scratch | <p>Students can open Scratch Window and can identify parts of Scratch window.</p> | <p>❖ Draw geometrical patterns in Scratch.</p>  <p>❖ Draw bouncing basketball in Scratch.</p>  | <p>❖ Demonstration will be shown on the ICR.</p> | <p>❖ Give worksheet-4</p> <p>❖ Solve test paper-2</p> <p>❖ Write the parts of the Scratch Window.</p> |

Subject Teacher

Moderator

Principal