		NAVY CHILDREN SCHOOL, GOA			
CLASS 5		**SPLIT UP SYLLABUS 2024 - 25**			
Month	**Chapter**	**Contents**	**Objectives**	**Activities**	**ASSISGNMENTS**
April /May	1. **Evolution of computers** **No. of Periods :THEORY 5 + PRAC 5 = 10**	- Definition of computers - Evolution of computers - Generations of computers - Types of computers - Limitations of computer	**Students will be able to** - describe the history of computers - know the characteristics and limitations of computers - compare the generations of computers	- Solve the jumbled letters to form a word - Identification of different computers according to the given pictures. **Lab Activity:** - Understand and explore the different generations of computers by pasting pictures and writing about them. - Compare and find the characteristics of ENIAC and UNIVAC computers with the help of Internet.	CREATE A TIME LINE BASED ON THE GENERATION OF COMPUTERS IN A FLOWCHART
June / JULY	2. **Types of software** **No. of Periods : THEORY 2 + PRAC 2 = 4**	- Hardware and software - Types of computer software - Importance of utility software - General Purpose Application Software - Operation Support System - Customized software	**Students will be able to** - understand the term software - distinguish between hardware and software - explain different types of software and differentiate between them - know the importance of utility software - learn the important software like general purpose application software, customized software and operation support system	- Search the given words in the word maze. **Lab Activity:** - Identifying and exploring different types of computers installed in your computer by pasting screenshots of the same. - Understanding the role of an antivirus software in your computer and explore its features using Internet.	MAKE A CHART ON THE DIFFERENTTYPES OF HARDWARE AND SOFTWARE

			Students will be able to	Lab Activity:	MAKE TRUTH TABLES USING THE DIFFERENT GATES
	3. Knowing about Logic Circuits No. of Periods : THEORY 3 +PRAC 3 = 6	- Logic circuits - Types of circuits - Boolean algebra - Logic diagrams and truth tables	- Students will be able to - understand the basics of logic circuits - explain different types of circuits - make different combinations of variables to get different logic circuits	- Draw Logic diagrams and make truth tables using different expressions between the variables.	
August	4. Advanced features in Word processor No. of Periods THEORY 4 + PRAC 4 = 8	- Copy formatting to another selection - Page formatting - Setting the page properties	Students will be able to - learn different advanced formatting tools in MS Word - understand the importance and enhance their ability to use of these advanced formatting tools	Lab Activity: - Implementing the use of different advanced formatting tools of Word processor by formatting an essay on Increasing population.	PREPARE A BIRTHDAY CARD IN LANDSCAPE USING ADVANCED WORD TOOLS
Sept	5. Tables in MS Word 2016 No. of Periods THEORY 4 + PRAC 4 = 8	- Inserting a table - Entering data in a table - Selecting different parts of a table, moving in a table and modifying a table - Merging cells and splitting cells - Convert text to a table - Inserting a picture, applying borders and shading and different table styles	Students will be able to - understand the table and its important features - learn to create a table and enter data in the table - learn to edit a table - understand different ways to format a row/ column/table - enhance their ability to apply different table styles and borders and shadings in tables	Lab Activity: - Understanding and using different table formatting features and different table styles to make a table according to the given instructions.	PREPARE A BILL OF 10 ITEMS WITH COLUMN HEADS AND APPLY FORMATTING TO THE TABLE.

OCT	6. **Learning about making presentation** **No. of Periods Theory 3 + prac 3 = 6**	- Introduction to Microsoft PowerPoint - Starting PowerPoint 2016 - Main components of PowerPoint 2016 - Creating a new presentation - Adding and deleting a slide in a presentation - Working on the slide - Saving, running, closing and exiting a presentation - Opening an existing presentation	**Students will be able to** - express the topic attractively to grab audiences' attention using different templates - enhance their ability to use different presentation tools, formatting effects and inserting object to grab audiences' attention	- Solve the jumbled letters to form a word. **Lab Activity:** - Implementing different presentation tools, template styles, inserting objects and formatting effects by making a beautiful and an attractive presentation on Good health.	PREPARE A PRESENTATION ON THE TOPIC 1. types of pollution 2. natural calamities
NOV / DEC	7. **Introduction to Scratch** **No. of Periods: theory 7 + prac 7 = 14**	- Concept of program and programming language - Introduction to Scratch - Getting started with Scratch - Main components of Scratch window - Creating a project - Motion block, Pen block and Sound block - Saving and opening Scratch project	**Students will be able to** - enhance their creativity using simple Scratch software - create their own exciting projects, stories, etc.	- Describe the functions of the given blocks. **Lab Activity:** - Using different Scratch blocks make the Sprite do different movements. - Use different blocks of block palette to make a square by the Sprite of your choice.	WRITE CODES FOR 1) DANCING LETTERS
Jan.	8. **Internet** **No. of Periods: Theory 4 + prac 4 = 8**	- Internet and its uses - Connecting to Internet - Browsing the Internet and using links - Search engine	**Students will be able to** - Students will be able to - - understand different advantages of Internet - learn the ways to connect to the Internet via varied types of Internet connections - know the meaning of browsing and surfing - understand the importance and use of search engines	**Lab Activity:** - Utilizing your search techniques on Internet, write a short note on Revolutionizing World by Internet	MAKE A CHART BASED " CYBER SECURITY "

| Feb. | 9. E-mail
No. of Periods theory 2 + prac 2 + revision 4 = 8 | - E-mail
- E-mail account
- Creating an e-mail account
- To use an e-mail
- Sending an e-mail
- Attaching a file to an e-mail
- Replying and forwarding an e-mail
- Adding signature to an e-mail
- Signing out
- E-mail etiquettes
- Advantages of an e-mail | **Students will be able to**
- Students will be able to -
- understand the meaning of e-mail
- learn the way to get started using an e-mail
- know the important pre-requisite requirements for an e-mail
- learn the important components of message window
- enhance their ability to writing, sending, replying and forwarding an e-mail
- learn to add contact to Google contacts | **Lab Activity:**
- Utilizing the advantages of e-mail, send birthday party invites to your friends using your e-mail account and also ask them to reply regarding the same via e-mail. | WRITE 10 DO'S AND DON'T TO BE FOLLOWED WHILE WRITING AN EMAIL |