NAVY CHILDREN SCHOOL, GOA

COMPUTER SPLIT UP SYLLABUS 2024 - 25 (Class VI)

Month	Chapter	Contents	Objectives	Activities
APRIL/MAY	1. Computer Languages No. of Periods 4	- Introduction to computer language - Generation of languages - Working of translators	Students will be able to: - learn different types of computer languages - differentiate between different generations of computer languages - learn the role of translators and its types	- Identifying the different types of languages - Comparison table between compilers and interpreters **Lab Activity:** - Exploring different types of computer languages using Internet - Learning the significant contribution of people in evolution of languages
JUNE/JULY	2. File Management - Organization of Data No. of Periods 4	- Introduction to file management - Windows explorer - Getting started with file management - Transfer of data/drives from one device to another - Working with multiple applications - Search for files using wildcard characters - Various file formats	Students will be able to: - understand the transfer of data from one device/ drive to another - work with multiple applications - learn the use of wildcard characters, (i.e., ?, *) to search files - explain different types of file formats - differentiate between different file formats	**Lab Activity:** - Learning and understanding the way to search a file in database of files using wildcard characters
	3. Mail Merge No. of Periods 3	- Mail merge and its advantages - Basic steps to be followed during mail merge - Components of mail merge, applying mail merge feature in Word processor, viewing the merged data and printing merged letters	Students will be able to: - describe the important features of mail merge - learn the important components of mail merge - use the mail merge feature in MS Word to generate documents with different addresses	**Lab Activity:** - Sending birthday party invites to your friends using the mail merge feature of MS Word

			Students will be able to:	
AUGUST	**4. More about MS PowerPoint** **No. of Periods 4**	- Slide layout - Adding background, inserting tables and inserting charts - Applying animation and transition effects to slides - Use of media clips and action buttons - Import data from other applications	**Students will be able to:** - learn different slide layouts and their importance in a presentation - understand the advanced features of MS PowerPoint, learn to use animation and transition effects in a presentation and use of media clips and action buttons - import data from other applications	- Understanding and writing about different components of chart in MS PowerPoint **Lab Activity:** - Using the advanced features and other amazing effects of PowerPoint to make a presentation on Water - a precious resource.
SEPTEMBER/ OCTOBER	**5. Scratch Programming** **No. of Periods 6**	- Introduction to Scratch - Key features and components of Scratch - Working with multiple sprites - Sensing, operators and variables blocks	**Students will be able to:** - learn to work with multiple sprites - understand the use of different blocks under the Sensing, Operators and Variables blocks.	**Lab Activity:** - Show interaction between two people on the stage. Also, give an appropriate background to the stage according to the given situation.
NOVEMBER	**6. An Introduction to HTML** **No. of Periods 4**	- Web page, website and web browser - Introduction to HTML programming and its features - Basic structure of a HTML document - Getting started with HTML document - Create and save a web page using an HTML editor - Open a web page on a web browser - Basic HTML tags - Headings in HTML - Use of <P> and tags - Formatting tags	**Students will be able to:** - learn about HTML - understand the important features of HTML - understand the basic structure of a HTML document - understand the use of HTML editor to create a web page - learn some basic HTML tags (including some formatting tags) - know different web browsers used for HTML - learn to create and save web pages using HTML tags	- Identifying the use of some of the basic HTML tags by writing a sentence about them **Lab Activity:** - Using different formatting tags, make two-three web pages on Save Water.

			Students will be able to:	Lab Activity:
DECMBER/ JANUARY	**7. Internet - Online Surfing No. of Periods 3**	- Internet etiquettes - Potential threats in the cyber world - An understanding of e-commerce - Online mode of payment - Blogging - Podcasting	Students will be able to: - learn about netiquettes, their use and importance - know the potential threats in the cyber world - learn different e-commerce models - understand different modes of online payment - understand the meaning, use and purpose of blogs and podcasts	Lab Activity: - Exploring and identifying different threats that you may face using Internet
	8. Introduction to Google Drive No. of Periods 3	- Introduction to Google drive - Using a Google drive - Setting up and getting started with the Google drive - Accessing the Google drive - Google drive interface - Creating and uploading files and folders on Google drive - Sharing and collaborating files in Google drive	Students will be able to: - explain the use of Google drive - understand the important features and basic components of Google drive interface - learn accessing Google drive - enhance their ability to upload, organise, share and collaborate files on Google drive	Lab Activity: - Using the sharing and collaborating files feature, make a presentation in a group of five students using the Google drive
FEBRUARY	**9. Technology Today No. of Periods 3**	- Artificial Intelligence - Virtual Reality - 3D Printing - Digital/E-wallets - Digital/Voice Assistant	Students will be able to: - understand AI - know the different types of AI - explain virtual reality - understand 3D printing technology and their applications - learn the use of digital wallets - learn the use of digital assistant	Lab Activity: - Preparing PowerPoint presentation on the applications of Artificial Intelligence - Preparing PowerPoint presentation on the different types of Digital Assistant