



Month	April	May	June	July
Concept	Understanding Computers Introduction to Operating System	Introduction to Operating System Net Surfing	Files and Folders Introduction to Scratch 3.0	Introduction to Scratch 3.0 Let Us Paint!
Learning Outcomes	Students will be able to <ul style="list-style-type: none"> List the different areas where computers are used. Identify the types of computers based on size and functionality. Differentiate between hardware and software with examples. Illustrates working of computers (IPO cycle). Define an Operating system (OS) and its role . List the key features of windows 10 and windows 11. Explain the components of the desktop and their functions. 	Students will be able to <ul style="list-style-type: none"> Perform basic operations on the desktop, such as opening of applications, arranging desktop icons, sorting icons, changing the background and changing the screensaver. Define the term Internet. Explain the advantages and disadvantages of the Internet. Comprehend the basic terminologies of the internet. Demonstrate the steps to open a web page and browse safely. Explain the qualities of a good digital citizen. 	Students will be able to <ul style="list-style-type: none"> Explain the purpose of files and folders in a computer. Comprehend and create files and folders with proper names. Demonstrate the steps to open, type and save a file. Define scratch and its purpose. 	Students will be able to <ul style="list-style-type: none"> List the main components of the scratch window. Demonstrate the steps to open paint. Identify basic components of Ms paint window. Demonstrate the steps to use shapes in paint. Explore different tools in Ms paint.
Skills	Comprehension , Knowledge	Comprehension , Knowledge, Application	Comprehension , Knowledge, Application	Comprehension , Knowledge, Application
Software	-	Notepad, Web Browser (Google Chrome)	Scratch	Scratch, MS Paint
Competency skill based activity/ Experiential learning	<ul style="list-style-type: none"> List Input/Output devices available in your computer lab. Draw and label a computer model. 	<ul style="list-style-type: none"> Identify and label different desktop components. Search online for “3 healthy habits”. 	<ul style="list-style-type: none"> Solve a word grid. 	<ul style="list-style-type: none"> Create a picture of a house using shapes and tools in Ms paint.
Assessment: Class test, Practical work Main Book : Tekie Computer Science Publisher : Uolo (Revised Edition)				



Month	August-September	October	November	December
Concept	Scratch Blocks Making a Scratch Project	Making a Scratch Project Starting with Word Processor	Drawing Shapes Editing text using a word processor	Editing text using a word processor AI in Daily Life
Learning Outcomes	Students will be able to <ul style="list-style-type: none"> Define scratch blocks and explain their purpose. Implement motion and looks blocks in scratch. Classify events blocks, sound blocks, and control blocks. Name a project in scratch. Demonstrate the steps to delete and add a sprite. Perform different operations like positioning and moving a sprite. 	Students will be able to <ul style="list-style-type: none"> Comprehend and execute the pen block. Demonstrate the steps to save a scratch project. Define a word processor and the basics of Google docs. Comprehend google docs and its features and components. Demonstrate basic operations such as naming, typing, saving, searching, and opening a document. 	Students will be able to <ul style="list-style-type: none"> Discuss the use of loops in drawing shapes. Design basic shapes using scratch commands. Explain text editing. Perform basic text editing tools like selecting and moving. 	Students will be able to <ul style="list-style-type: none"> Perform basic text editing tools like deleting, undo, redo, and find & replace. Define Artificial Intelligence. Describe the use of AI in different places. Explore AI's ability to detect emotions.
Skills	Comprehension , Knowledge, Application	Comprehension , Knowledge, Application	Comprehension , Knowledge, Application	Comprehension , Knowledge, Application
Software	Scratch	Scratch, Ms Word, Google Docs	Scratch, Ms Word, Google Docs	Ms Word, Google Docs, AI Tools: Chatbots
Competency skill based activity/ Experiential learning	<ul style="list-style-type: none"> Create an interactive storytelling animation using Motion, Looks, and Sound blocks. 	<ul style="list-style-type: none"> Design a scratch project where a sprite moves, changes costume, and plays a sound when clicked. Type a short paragraph and save it with a proper name. 	<ul style="list-style-type: none"> Create a picture using rectangles and circles. Type a short story on "My Best Day Ever". 	<ul style="list-style-type: none"> Type a short paragraph, then replace basic words with Find and Replace tool in a word processor.
Assessment: Class test, Practical work Main Book : Tekie Computer Science Publisher : Uolo (Revised Edition)				