



Month	April	May	June	July
Concept	Computers: Then and Now Creating Tables in Word Processor	Designing Presentations Animating Presentations	Let us Explore Spreadsheets Editing data in a Spreadsheets	Editing data in a Spreadsheets
Learning Outcomes	Students will be able to: <ul style="list-style-type: none"> Apprehend the history and generations of Computers. Illustrate the characteristics and limitations of Computers. Create, edit and format the table. Merge and split the cells in the table. Modify rows and columns in the table. Apply border and shading. 	Students will be able to: <ul style="list-style-type: none"> Create a presentation using Google Slides. Apply and modify themes and layouts. Insert tables, charts and diagrams in the presentation. Comprehend the working of Master Slide. Apply animations and transitions in the presentation. <ul style="list-style-type: none"> Add sound in the presentation. 	Students will be able to: <ul style="list-style-type: none"> Summarize Spreadsheets and its advantages. Identify the components of Google Sheets Window. Implement the use of various key combinations. Edit the content of Spreadsheets. 	Students will be able to : <ul style="list-style-type: none"> Execute undo, redo commands. Edit the worksheet
Skills	Comprehension , Knowledge, Application	Comprehension , Knowledge, Application, Analysis	Comprehension , Knowledge Application	Comprehension , Knowledge, Application
Software	Google Document	Google Slides	Google Sheets	Google Sheets
Competency skill based activity, Experiential learning	<ul style="list-style-type: none"> Create a table with two columns and three rows with proper border and shading and fill it with some relevant data. (Integrated with English, Science, GK, Maths, Art)	Create a presentation and insert charts and diagrams .Also use animations and transitions. (Integrated with English and Art) Art Integration Project: Himachal Pradesh and pair state.	<ul style="list-style-type: none"> Create a spreadsheet with 3 columns and 2 rows. Fill it with some relevant data. (Integrated with English and Math)	Create a spreadsheet to track plant growth using Date and Time function. Copy, move and delete the data using shortcut keys. (Integrated with English and Math)

Assessments : Class Response, Class test , Practical work .

Main Book : Tekie Computer Science

Publisher : Uolo (Revised Edition)



Month	August	September	October-November	December
Concept	Email and Social Media Introduction to Scratch 3.0	Email and Social Media Variable and Looks Blocks	Using Operators, Sensing and Control Blocks Sound Blocks	Know about AI and its Domains
Learning Outcomes	Students will be able to: <ul style="list-style-type: none"> Comprehend the Internet and ways to connect to the Internet. Enlist various ways to browse and communicate over the Internet. Enlist some important internet etiquettes for the users. Comprehend programming and block-based coding. 	Students will be able to: <ul style="list-style-type: none"> Categorise the components of Scratch. Animate a sprite and change its costumes. Apply a backdrop and duplicate the given sprite. Implement variable blocks and create a variable in a project. Execute Looks and Sensing blocks . 	Students will be able to: <ul style="list-style-type: none"> Implement mathematical and comparison operations using Operators Blocks. Comprehend and execute control blocks. Apply different sounds in a project using Sound Blocks. Enlist the steps to duplicate the Script. 	Students will be able to: <ul style="list-style-type: none"> Apprehend Artificial Intelligence and its domains. Summarize data science, computer vision, natural language processing and their applications.
Skills	Comprehension , Knowledge, Application	Comprehension , Knowledge, Application, Analysis	Comprehension , Knowledge, Application	Comprehension , Knowledge, Application, Analysis
Software	Scratch	Scratch	Scratch	–
Competency Skill based activity/ Experiential learning	Identify the components of the Scratch window and match them with their names on the other column. (Integrated with English , Social Science, Maths)	Create a small animation in which a sprite changes its costume when it is clicked. (Integrated with English, Maths, Art)	Create a simple activity in which a sprite plays a clapping sound when it is clicked. (Integrated with English, Maths, Art)	Draw different shapes using a drawing tool based on AI. (Integrated with English, Social Science and Art)

Assessments : Class Response, Class test , Practical work .

Main Book : Tekie Computer Science

Publisher : Uolo (Revised Edition)