



Month	April	May	June	July
Content	Number System Website designing :HTML basic	Website designing: HTML next step Go Online	Go Online Calculation In Excel	Calculation In Excel
Learning Outcomes	<p>Students will be able to:</p> <ul style="list-style-type: none"> Define number system and categorize different types of number systems. Convert decimal number system into binary system and vice versa. Comprehend HTML and its features. Categories different HTML editors. Outline the basic structure of HTML. Apply the basic HTML tags. 	<p>Students will be able to:</p> <ul style="list-style-type: none"> Create different types of lists using tags. Insert images and create hyperlink to connect different web pages. Differentiate web browser and search engine using examples. Enlist some of the applications of the Internet (web feed, email, news group etc.) 	<p>Students will be able to :</p> <ul style="list-style-type: none"> Perceive video conferencing, its advantages and application area. Interpret E-learning and E-shopping along with their advantages and disadvantages. Identify cell and cell address. Apply different types of references in the cell. 	<p>Students will be able to :</p> <ul style="list-style-type: none"> Identify the error message in the Microsoft Excel. Performs basic calculations using different functions from the function library.
Skills	Comprehension, Knowledge, Application	Comprehension, Knowledge, Application, Analysis	Comprehension, Knowledge, Application, Analysis	Comprehension, Knowledge, Application, Analysis
Software	Notepad, Web browser	Notepad, Web browser	MS Excel	MS Excel
Competency Skill based activity/ Experiential learning	Create a secret message in the binary system and ask your friend to decipher.	Design a small website with images in it.	Create an Excel sheet showing the result of a class along with the percentage of each child in 6 subjects.	Find the length of the text and calculate GCD for the given numbers. Also display the current date and time using functions.

Assessments : Class Response, Class test , Practical work

Main Book : Terabytes Connect with computer

Publisher : Cambridge University Press (Fourth Edition)



Final Term Curriculum
Subject: Computer
Class: VII
Session: 2025-26

Month	August-September	October	November	December
Content	Analyse data in Excel Excel 2016 Representation of Data in Excel 2016.	Representation of Data in Excel 2016. Coding Club: QB64 Next steps	Coding Club: QB64 Next steps Coding clubs:Python Basics	Coding clubs:Python Basics Artificial Intelligence
Learning Outcomes	Students will be able to: <ul style="list-style-type: none"> Execute single-column or multi-column sorting. Retrieve and analyse data based on different conditions. Identify and label different components of charts . 	Students will be able to: <ul style="list-style-type: none"> Comprehend different types of charts and their uses. Design charts and its components using various chart tools. Comprehend QB64 and its interface. Differentiate and execute QB64 statements. 	Students will be able to: <ul style="list-style-type: none"> Comprehend and execute conditional statements and iteration statements. Comprehend python and its features. Create a code in IDLE. Create and save a python file using script mode. Comprehend the token and its types. 	Students will be able to : <ul style="list-style-type: none"> Execute print() function and mathematical operators in python . Define some standard data types of Python. Comprehend the use of Artificial Intelligence in various fields. Classify AI into different types. Enlist advantages and limitations of AI.
Skills	Comprehension, Knowledge, Application	Comprehension, Knowledge,Application	Comprehension, Knowledge, Application	Comprehension' Knowledge,Application,
Software	MS Excel	MS Excel,QB64	QB64, Python	Python
Competency skill based activity/ Experiential learning	Apply conditional formatting on the data provided to you based on a specific condition.	After creating a table, create a column chart and apply formatting to make it eye-catching.	Write a program to print multiple of different numbers.	Group Discussion on impact of AI in our life.

Assessments : Class Response,Class test , Practical work
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