

First Term Curriculum
Subject: Computer
Class: VI
Session: 2024-25

Month	April	May	June	July
Concept	Robotics: Unleashing the power of machines. Create and send Invitations	Create and send Invitations Coding club: Scratch more blocks and games	Creating a spreadsheet in Excel 2016. Edit cell contents	Edit cell contents
Learning Outcomes	Students will be able to: <ul style="list-style-type: none"> Comprehend the evolution and key components of robotics. Categorize the types of robots. Enlist the advantages and disadvantages of robots. Modify page orientation, layout and margins. Apply track change and review features. 	Students will be able to: <ul style="list-style-type: none"> Comprehend thesaurus and grammar check. Outline mail merge and its importance. Implement the steps to perform mail merge. Comprehend basic blocks and commands of scratch. Execute operator block and variable blocks. Demonstrate the steps to save the project. 	Students will be able to: <ul style="list-style-type: none"> Categories different components of an Excel window. Comprehend different types of data used in Excel. Save, open, close and exit the worksheet. Add and select data or cells. 	Students will be able to : <ul style="list-style-type: none"> Change, delete, copy and move cell content. Insert cells, rows and columns. Change the height and width of rows/columns.
Skills	Knowledge, Understanding and Application	Knowledge, Understanding, Application and Analysis	Knowledge, Understanding and Application	Knowledge, Understanding, Application and Analysis
Software	MS Word	Scratch	MS Excel	MS Excel
Competency skill based activity/ Experiential learning	<ul style="list-style-type: none"> List the applications of robots from their daily life. Create a document with different orientation, margins and layout. 	<ul style="list-style-type: none"> Send class test report to parents using mail merge 	<ul style="list-style-type: none"> Create a worksheet reflecting the expenses of one month. A brainstorming to identify the action performed in excels with the help of clues. 	<ul style="list-style-type: none"> Create a worksheet presenting the record of the class test.
Art Integration	English, Math, Art.			

Assessments: Class response, Class test and Practical work.

Book : TERABYTES Connect with Computers (Fourth Edition)
Publisher: Cambridge University Press



Final Term Curriculum
Subject: Computer
Class: VI
Session: 2024-25

Month	August-September	October	November	December
Concept	Format cell contents	Algorithm and flowchart	Coding Club:QB64	Communications using Emails
Learning Outcomes	Students will be able to: <ul style="list-style-type: none">● Format text and numbers.● Use commands present in font, alignment and numbers group.	Students will be able to: <ul style="list-style-type: none">● Design and represent the algorithms graphically.● Comprehend the guidelines for making a flowchart.	Students will be able to: <ul style="list-style-type: none">● Comprehend QB64 window and its components.● Comprehend and execute QB64 statements(REM, LET, Print, INPUT, END)● Outline various operators.● Demonstrate the steps to save and run a program.	Students will be able to: <ul style="list-style-type: none">● Understand email services and the concept of URL.● Create and use an email account.● Comprehend the components of a message window.
Skills	Knowledge, Understanding and Application	Knowledge, Understanding, Application and Analysis	Knowledge, Understanding and Application	Knowledge, Understanding and Application
Software	MS Excel	–	QB64/QBasic	–
Competency Skill based activity/ Experiential learning	Create a worksheet based on “cricket tournament” and format it.	Write an algorithm and draw a flowchart to print the larger of the two numbers.	Create a program to find the area of a rectangle in QB64.	Compose an email and send it to a friend with an attachment.
Art Integration	English, Math, Art.			
Assessments: Class response, Class test and Practical work.				
Book: TERABYTES Connect with Computers (Forth Edition). Publisher: Cambridge University Press				