Month	April	May	June	July
Concept	**How A Computer works**	**Windows 10 operating System**	**Enhance a Drawing with paint Tools**	**Hello, Logo Turtle**
Learning Outcomes	Students will be able to • Explain the working of computers with the help of the IPO cycle. • Classify various input, output, processing and storage devices. • Differentiate between hardware and software.	Students will be able to • Define operating system and its types. • Classify desktop and its components. • Select/deselect icons. • Change the desktop background and screensaver.	Students will be able to • Identify various selection tools. • Move, copy, and paste an object. • Rotate and flip an object. • Resize/skew an object. • Comprehend the Concept of rulers, gridlines and utilize full-screen mode for image viewing and printing.	Students will be able to • Classify MSW Logo and its components. • Comprehend the components of the commander window and exit MSW Logo.
Skills	Knowledge and Understanding	Knowledge and Understanding	Knowledge, Understanding and Application	Knowledge, Understanding and Application
Software	-	-	Paint	MSW Logo
Competency Skill Based Activity/ Experiential Learning	List Input/ output devices available in your computer lab.	List the icons on your computer's notification area.	Create a poster to show the difference between symmetrical and asymmetrical shapes.	Move the turtle in MSW Logo to the top, bottom, left, and right sides of the screen.
Art Integration	English, Math, Art			

Assessment: Class response, Class test, Practical work.

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

Month	August-September	October	November-December
Concept	**Walking with Logo Turtle**	**Creating a Document: Word 2016**	**Play with Text**
Learning Outcomes	**Students will be able to** • Comprehend and implement various MSWLogo commands. • Comprehend different commands such as Hide/show, Home, Clearscreen, clean and Cleartext.	**Students will be able to** • Identify various components of the word window. • Create, save, open, print and close a document	**Students will be able to** • Perform operations like selecting, inserting, overtyping, moving, and deleting text. • Use keyboard shortcut for saving and opening a document. • Perform operations like undo, redo, print and exit Word.
Skills	Knowledge, Understanding and Application.	Knowledge, Understanding and Application.	Knowledge, Understanding and Application
Software	MSW Logo	MS Word	MS Word
Competency Skill Based Activity/ Experiential Learning	• Draw different polygons with the help of MSW logo commands.	• Type a passage in word and save it on the desktop screen	• Create a document to utilize keyboard shortcuts for saving, opening a document, and performing operations like undo, redo, print, and exit in Word.
Art Integration	English, Math, Art		

Assessment: Class response, Class test and Practical work

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