





New Era Public School (Mayapuri)
Syllabus - Computers
2026-2027

Month	Class I	Class II	Class III	Class IV	Class V
April and May	<p>Chapter – 1 Machine Around Us!</p> <ul style="list-style-type: none"> • Usage of computers at various places. 	<p>Chapter -1 First Step in Word Processing</p> <ul style="list-style-type: none"> • Software Interface • OO04 Kids Writer Introduction • Open, Save, Close a document 	<p>Chapter -1 From Scratch!</p>  <ul style="list-style-type: none"> • Scratch Interface • Components of Scratch. • Blocks Palette • Operating system 	<p>Chapter – 1 Introduction to Word Processing</p> <ul style="list-style-type: none"> • Interface description • Font style/size • Formatting text- bold, italics, underline • Alignment 	<p>Chapter – 1 The First steps in Greenfoot</p> <ul style="list-style-type: none"> • Introduction to Algorithm • Flow Chart and Programming • Greenfoot Interface 
July	<p>Chapter – 1 (contd)</p> <ul style="list-style-type: none"> • Identify the various parts of the computer. <p>Mouse buttons (left & right)</p>	<p>Chapter - 2 Fun With Text Tool</p> <p>Text Formatting</p> <ul style="list-style-type: none"> • Font style, • Size, Color • Bold, Italics and underline • Background colour • Graphics 	<p>Chapter – 2 Design your sprite</p> <p>Tabs in Blocks Palette</p> <ul style="list-style-type: none"> • Control • when clicked • Setting stage • Motion • Animation • Import and edit costume. • Repeat Command 	<p>Chapter – 2 Working with Word Processor</p> <ul style="list-style-type: none"> • Font work • Lists-bulleted list, numbered list <p>Adding pictures</p> <p>Chapter –3 Tables and Hyperlinks</p> <p>Inserting Rows/ Columns</p> <ul style="list-style-type: none"> • Hyperlinks <p>Changing background colour.</p>	<p>Chapter – 2 Greenfoot Elements</p> <ul style="list-style-type: none"> • Scenario, • Create & open scenario • Class • Creating new sub class • Saving the environment. <p>Hardware components</p>

<p>August</p>	<p>Chapter – 3 Typing using Keyboard</p> <ul style="list-style-type: none"> • Graphic software (Tux Typing) <p>Options-</p> <ul style="list-style-type: none"> • Fish Cascade • Comet Zap. 	<p>Chapter- 3 Listing your text</p> <ul style="list-style-type: none"> • Bulleted list • Numbered list • Alignment (Left, right and center alignment) 	<p>Chapter – 3 Pack with sound</p> <ul style="list-style-type: none"> • Sounds tab • Adding sound to object • Recording sounds <p>Impact & Non-Impact Printers</p>	<p>Chapter – 4 Introduction to spreadsheet.</p> <ul style="list-style-type: none"> • Interface description • Understanding rows/columns/cells • Font style/size • Aligning contents of a cell 	<p>Chapter – 3 Giving life to the Actors</p> <ul style="list-style-type: none"> • Move & Turn methods • Get Random numbers • UPS, System fan
<p>September</p>	<p>Chapter – 4 Drawing on the Computer Introduction to Tux Paint</p>  <ul style="list-style-type: none"> • Text tool • Formatting text i.e. changing font style and size. • Brush tool. 	<p>Chapter – 4 Adding Pictures</p> <ul style="list-style-type: none"> • Inserting pictures • Adding colourful borders 	<p>Chapter – 4 Hide & Seek</p> <ul style="list-style-type: none"> • Say block • Switching backgrounds • Hide and show sprites • Think bubble <p>Hard copy & Soft Copy</p>	<p>Chapter – 5 Manipulation with spreadsheet.</p> <ul style="list-style-type: none"> • Mathematical operators • Formula in excel • Data types • Auto fill • Merge cells, data sort 	<p>Chapter – 4 Controlling Actors</p> <ul style="list-style-type: none"> • isKeyDown() • isAtEdge() • canSee() method • Animal Class <p>Memory Storage</p>
<p>October- November</p>	<p>Chapter – 5 Shapes in Tux Paint</p> <ul style="list-style-type: none"> • Shapes tool • Square, rectangle, circle, triangle. • Keys of the Keyboard 	<p>Chapter- 5 Multimedia Presentation (OOO4 kids Impress)</p> <p>Open, Save, Close a presentation</p>	<p>Chapter – 5 Send & Receive</p> <ul style="list-style-type: none"> • Broadcasting • Types of Monitor 	<p>Chapter – 7 Working with charts</p> <ul style="list-style-type: none"> • Creating Charts • Chart Wizard <p>Filter data Autofilter</p>	<p>Chapter – 5 Surround with sounds</p> <ul style="list-style-type: none"> • Adding Sound • Record sound <p>Chapter – 6 Introduction to Inkscape</p>

	<p>(Alphabet, Number & other keys)</p> <p>Chapter – 6 Let Us Paint</p>	<p>Chapter- 6 All about slides</p> <ul style="list-style-type: none"> • Adding text to slide (Bold, Italics, Underline, Font style, Font size, font color) <p>Adding slides</p>	<p>Chapter -1 Introduction to Turtle</p> <p>Turtle Interface</p> <p>Blocks in Turtle</p> <ul style="list-style-type: none"> • Motion • Drawing • Control • Variable 	<p>Tech Concepts : CD-ROM</p>	<ul style="list-style-type: none"> • Vector graphics and Raster graphics • Working with files • Introduction to Tool Box and tools control bar. • Adding text objects.
<p>December - January</p>	<p>Chapter – 7 Drawing Lines</p> <ul style="list-style-type: none"> • Tux Paint tools- Paint, Eraser, Lines, save, open, new, quit. • Thick and Thin lines, • Mouse Pointer. <p>Chapter 8- Inserting Pictures</p> <p>Stamp tool(Shrink, Expand, Flip, Mirror image)</p>	<p>Chapter 7- Adding Pictures and sounds</p> <ul style="list-style-type: none"> • Inserting images • Inserting sound files to slides • Slide transition <p>Slide show</p>	<p>Chapter- 2 Let's Move</p> <p>Move X and Y blocks</p> <p>Chapter- 3</p> <p>Turn the Turtle</p> <ul style="list-style-type: none"> • Turn Right & Turn left blocks • Drawing patterns in turtle. • Set position blocks. 	<p>Chapter -10 Presentation in Impress</p> <ul style="list-style-type: none"> • Introduction to Impress Interface • Adding text to slide and formatting • Adding, deleting and renaming of slides • Inserting images and sounds. <p>Chapter -11 Adding movies and sounds</p> <ul style="list-style-type: none"> • Inserting pictures • Creating Auto Shapes • Add Background 	<p>Chapter – 7 Tools in Inkscape</p> <ul style="list-style-type: none"> • Selection tools, • Shapes and fill tool and drawing tools • Introduction to strokes and fills. • Copy, duplicate & clone an object. <p>Chapter – 8 Path tools in Inkscape</p> <ul style="list-style-type: none"> • Editing path • Pen tool and brush

<p>February-</p>	<p>Chapter 9- Making Pictures colourful.</p> <p>Magic tool- Fill tool</p> <p>Chapter – 10</p> <p>Wonders of Magic tool</p> <ul style="list-style-type: none"> • Magic tool • Grass • Flower • Rain • Rails • Real Rainbow etc. 	<p>Chapter –8</p> <p>Introduction to Programming (Scratch Jr.)</p> <p>Creating new project Writing code (Move Right, Move Left, Move Up and Move Down.)</p>	<p>Chapter – 4</p> <p>Grow your turtle</p> <ul style="list-style-type: none"> • Scaling • Scale Block • Drawing shapes using the move turn and scale block in turtle program. <p>Activity:</p> <p>Draw geometrical shapes like circle, triangle, square, pentagon and hexagon.</p>	<p>Chapter -12</p> <p>Fun with Animation</p> <ul style="list-style-type: none"> • Custom Animation • Adding sound to animation. • Arranging slides using slide sorter view • Transition • Watching slide show • Slide transitions • Slide design and layout • Automate presentation 	<p>Chapter- 9</p> <p>Playing with objects</p> <ul style="list-style-type: none"> • Scale • Rotate • Skew • Flip • Grouping objects
<p>March</p>	<p>Revision</p>	<p>Revision</p>	<p>Revision</p>	<p>Revision</p>	<p>Revision</p>