



**BLOOM PUBLIC SCHOOL**  
**VASANT KUNJ, NEW DELHI**

**SYLLABUS: 2019-2020**

**SUBJECT: Computer Science (Work Ex.)**

**CLASS: III**

<b>MONTH</b>	<b>CONTENT</b>
<b>April-May</b>	<b>Getting Started With LOGO</b> <ul style="list-style-type: none"><li>• Starting and Exiting MSWLOGO</li><li>• Parts of LOGO Window</li><li>• LOGO Terminologies</li></ul> <b>Moving the Turtle</b> <ul style="list-style-type: none"><li>• FORWARD Command</li><li>• BACK Command</li><li>• RIGHT Command</li><li>• LEFT Command</li><li>• HOME Command</li><li>• CS Command</li><li>• CT Command</li><li>• CLEAN Command</li><li>• SETH Command</li></ul> Practice – Practicising Turtle movements using above commands
<b>July</b>	Revision of LOGO Commands <b>LOGO</b> <ul style="list-style-type: none"><li>• PRINT Command</li><li>• LABEL Command</li><li>• Mathematical Operators</li><li>• HIDETURTLE Command</li><li>• SHOWTURTLE Command</li></ul> <b>Practice Session</b> – Making figures using the various LOGO Primitives.
<b>August</b>	<b>Learning Notepad</b> <ul style="list-style-type: none"><li>• How to Open / Exit it.</li><li>• Components of Notepad Window.</li><li>• How to Open/ Save a File.</li><li>• Understanding Concept of Font, Font Style, Size.</li><li>• Understanding Different Menus.</li></ul> <b>Project-</b> Typing Few lines and applying different Font, Size.

<b>September</b>	<b>Notepad Continues</b> <ul style="list-style-type: none"> <li>• Selection of Word, Line.(using Keyboard/Mouse)</li> <li>• Deleting / Replacing Word/ line.</li> <li>• Inserting New Word/ Line in between.</li> <li>• <b>Project</b>-Typing a paragraph and applying Formatting.</li> </ul>
<b>October</b>	<b>Getting start with Scratch Junior</b> <ul style="list-style-type: none"> <li>• How to begin a New project.</li> <li>• How to Save a project.</li> <li>• How to Open a project.</li> <li>• Choose character</li> <li>• Create new character</li> </ul>
<b>November</b>	<b>Scratch</b> <ul style="list-style-type: none"> <li>• Choose backgrounds</li> <li>• Create new backgrounds</li> <li>• Choose and create with character.</li> <li>• Start on Green Flag block, end block (Start program with green flag Stop program with red end block)</li> <li>• Drag block to scripting area.</li> <li>• Connect blocks</li> <li>• Exploring the application by placing blocks in scripting area to see the character move.</li> </ul>
<b>December</b>	<b>Scratch</b> <ul style="list-style-type: none"> <li>• Using various blocks. – create a motion(Right, Left, Up, Down, Turn Clockwise, Turn Counterclockwise, Jump, Go Home), resize.( Bigger, Smaller, Visible, Invisible, Reset Size)</li> <li>• Program characters to move at different speeds</li> <li>• Use numbers on motion blocks to reduce the number of motion blocks used.</li> </ul>
<b>January</b>	<b>Scratch</b> <ul style="list-style-type: none"> <li>• Use the repeat and repeat forever blocks to make a program repeat</li> <li>• Record sounds and add them to projects</li> <li>• Create speech bubbles for characters</li> </ul>
<b>February</b>	<b>Scratch</b> <ul style="list-style-type: none"> <li>• Practice Session- moving blocks into scripting area, use blocks in scripting area, select a block category and save a project.</li> <li>• Revision of Scratch</li> </ul>

## **ASSESSMENT SYLLABUS**

**\*All Assessments would be PRACTICAL in nature.**

<b>ASSESSMENT</b>	<b>SYLLABUS</b>
QUARTER I (JULY)	LOGO
QUARTER II (SEPTEMBER)	Notepad
QUARTER III (DECEMBER)	Scratch Junior
QUARTER IV (FEBRUARY)	Scratch Junior