



**BLOOM PUBLIC SCHOOL**

**VASANT KUNJ, NEW DELHI**

**Curriculum: 2023-2024**

**SUBJECT: Coding**

**CLASS: V**

<b>MONTH</b>	
<b>April-May</b>	<p><b>Information Technology</b></p> <ul style="list-style-type: none"><li>• Introduction</li><li>• Major stages of Evolution</li><li>• Impact on Modern World</li></ul> <p><b>Google Drawing</b></p> <ul style="list-style-type: none"><li>• Introduction</li><li>• Different Menus</li><li>• Different Shapes – Drawing / using pre-defined</li><li>• Using Text Box</li></ul> <p><b>Google Sheets</b></p> <ul style="list-style-type: none"><li>• Introducing Sheets</li><li>• Naming, Moving Worksheets</li><li>• Copying, Adding, Deleting Worksheets</li><li>• Entering Data in a Worksheet</li><li>• Sharing Sheets</li><li>• Navigating a Worksheet</li><li>• Working with Worksheets</li><li>• Auto Fill Option</li></ul>
<b>July</b>	<p><b>Working on Google Sheets</b></p> <ul style="list-style-type: none"><li>• Recapitulation of Google Sheet</li><li>• Editing Worksheet</li><li>• Select Data or Cells</li><li>• Change, Delete, Copy, Move Cell Content</li><li>• Adjust Row Height/Column Width</li><li>• Merge Cells</li><li>• Applying borders</li><li>• Formatting Worksheet</li><li>• Font, Font size, Font styles</li></ul>
<b>August</b>	<b>Google Sheets</b>

	<ul style="list-style-type: none"> <li>• Different Alignment</li> <li>• Text Wrapping</li> <li>• Text Rotation</li> <li>• Number Group</li> <li>• Cell Reference</li> <li>• Working on Formulas</li> <li>• Calculations with Functions – Sum, Count, Max, Min, Average</li> </ul>
<b>September</b>	<b>Google Sheets</b> <ul style="list-style-type: none"> <li>• Text color</li> <li>• Text background color</li> </ul> <b>Revision</b>
<b>October</b>	<b>Google Sheets</b> <ul style="list-style-type: none"> <li>• Insert - Cells/Rows/Columns</li> <li>• Chart – Pie, Line, Bar, Map / images.</li> <li>• Sorting of Sheet</li> <li>• Conditional Formatting</li> </ul> <b>Scratch</b> <ul style="list-style-type: none"> <li>• Recapitulation on Scratch</li> <li>• Use the Repeat Block.</li> <li>• The Stop block</li> <li>• The Wait block</li> <li>• The Forever block</li> <li>• Broadcast block</li> <li>• Conditional statements</li> <li>• Nested control statements</li> </ul>
<b>November</b>	<b>Artificial Intelligence</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Importance</li> <li>• Application</li> <li>• Goals</li> <li>• Types</li> <li>• Advantages &amp; Disadvantages</li> <li>• Future</li> </ul> <b>Scratch</b> <ul style="list-style-type: none"> <li>• <b>Sensing Block</b></li> </ul>
<b>December</b>	<b>More on Artificial Intelligence</b> <ul style="list-style-type: none"> <li>• AI technologies</li> <li>• AI in everyday life</li> <li>• Risks of AI</li> <li>• Myths</li> </ul>

	<b>More About Scratch</b> <b>Operators Block</b> <ul style="list-style-type: none"> <li>• The four operations.</li> <li>• Random numbers.</li> <li>• Comparing numbers.</li> <li>• Logic and logical arguments.</li> <li>• Creating variables.</li> <li>• Using variables.</li> </ul>
<b>January</b>	<ul style="list-style-type: none"> <li>• <b>Cyber Security</b></li> <li>• <b>Robots &amp; Artificial Intelligence</b></li> </ul> <b>Scratch</b> <ul style="list-style-type: none"> <li>• <b>Variable Block</b></li> </ul>
<b>February</b>	<b>Robots &amp; Artificial Intelligence</b> <b>Revision</b> <b>Project</b>