



**BLOOM PUBLIC SCHOOL**  
**VASANT KUNJ, NEW DELHI**  
**SYLLABUS: 2018-2019**

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

**CLASS: VIII**

<b>MONTH</b>	<b>CONTENT</b> <b>CHAPTERS (Beginner's Guide to Visual Basic TEXTBOOK BY BRAINWAVE)</b>
<b>April-May</b>	<b>Chapter 1: Introduction to Problem Solving</b> <ul style="list-style-type: none"><li>✓ Understanding Problem Solving</li><li>✓ Knowing Computer Programming</li><li>✓ Program Development</li><li>✓ Designing a Solution</li><li>✓ Introduction to Visual Basic</li><li>✓ How Visual Basic Works</li></ul> <b>Chapter 2: Introduction to Visual Basic</b> <ul style="list-style-type: none"><li>✓ Starting Visual Basic</li><li>✓ Visual Basic Environment</li><li>✓ Components of Visual Basic Environment</li><li>✓ Understanding Properties, Events &amp; Methods</li></ul>
<b>July</b>	<b>Chapter 3: Designing a VB Application</b> <ul style="list-style-type: none"><li>✓ Creating Applications</li><li>✓ Executing Applications</li><li>✓ Working with Forms</li><li>✓ Setting Form Properties</li><li>✓ Building Visual Basic Applications</li><li>✓ Using Controls</li><li>✓ Setting Properties for the Controls</li></ul>
<b>August</b>	<b>Chapter 4: Understanding Events</b> <ul style="list-style-type: none"><li>✓ Knowing what Events are</li><li>✓ Understanding the Concept of Form Event</li><li>✓ Programming the Form Events and Command Button Events</li></ul>
<b>September</b>	<b>Chapter 5: Writing the Code</b> <ul style="list-style-type: none"><li>✓ Knowing the Program Code</li><li>✓ Form Module and Standard Module</li><li>✓ Writing Program Codes</li></ul>

	<ul style="list-style-type: none"> <li>✓ Attaching Program Code with Interface</li> <li>✓ Debugging the Program</li> </ul>
<b>October</b>	<b>Chapter 6:Managing Visual Basic Data</b> <ul style="list-style-type: none"> <li>✓ Knowing VB Data Types</li> <li>✓ Numeric Data Types</li> <li>✓ Non-Numeric or String Data Types</li> <li>✓ Suffixes for Literals</li> <li>✓ Managing Variables</li> <li>✓ Variable Names and Declaring Variables</li> <li>✓ Operators in VB</li> </ul>
<b>November</b>	<b>Chapter 6:Managing Visual Basic Data (continued)</b> <b>Chapter 7:Controlling the Program Flow</b> <ul style="list-style-type: none"> <li>✓ Controlling the Program Flow</li> <li>✓ Conditional Operators</li> <li>✓ Logical Operators</li> <li>✓ Control Structures Using If-Then-Else</li> <li>✓ Control Structures Using Select Case</li> <li>✓ For.. Loop and Do.. While Loop</li> </ul>
<b>December</b>	<b>Chapter 7:Controlling the Program Flow (continued)</b> <b>Practice Project [Project 1 (page 70-71)]</b>
<b>January</b>	<b>Chapter 8:Introduction to VB Functions</b> <ul style="list-style-type: none"> <li>✓ About Functions</li> <li>✓ MsgBox() Function and InputBox() Function</li> <li>✓ Date and Time Functions</li> <li>✓ Displaying Forms</li> </ul>
<b>February</b>	<b>Revision</b>

## **ASSESSMENT SYLLABUS**

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

<b>ASSESSMENT</b>	<b>SYLLABUS</b>
HALF YEARLY (SEPTEMBER)	Chapter 1: Introduction to Problem Solving Chapter 2: Introduction to Visual Basic Chapter 3: Designing a VB Application Chapter 4: Understanding Events
YEARLY (FEBRUARY)	Chapter 5: Writing the Code Chapter 6: Managing Visual Basic Data Chapter 7: Controlling the Program Flow Chapter 8: Introduction to VB Functions