



BLOOM PUBLIC SCHOOL
C-8 Vasant Kunj, New Delhi
Syllabus for the Session 2026-27

Class: VIII

Subject: Coding

MONTH	Content(Topics) (Class VIII Coding Handbook)	Practical/Activities
April	<p>Conditionals in Details</p> <ul style="list-style-type: none"> ● IF-ELSE and ELSE-IF statement ● Logical Statements ● Practice Challenges ● Nested Conditional Statements <p>Google Drive and Cloud space</p> <ul style="list-style-type: none"> ● How to upload and delete file ● How to create a New Folder and make it shareable ● Storing data on Google Drive ● Different cloud space available and its use 	<p>Codes in code.org</p> <p>Google Drive</p>
May	<p>Computer Networking</p> <ul style="list-style-type: none"> ● Computer Network ● Need for Computer Network ● Components of a Network ● Devices required for a Network ● Types of Network ● Topology ● Wireless Networking Technology ● Protocols 	
July	<p>Get Creative with Loops</p> <ul style="list-style-type: none"> ● Loops ● Exit criteria ● Break and Continue Loop <p>Functions in Depth</p> <ul style="list-style-type: none"> ● Recap of functions ● Function Parameters ● Returning value from a function 	<p>Codes in code.org</p>

August	Google Sheets with AI <ul style="list-style-type: none"> ● Change, Delete, Copy, Move Cell Content ● Adjust Row Height/Column Width ● Merge Cells ● Applying borders ● Calculations with formulas (+, -, *, /) ● Insert - Cells/Rows/Columns ● Chart/ images ● Sorting of Sheet 	Google sheets
September	REVISION	
October	Programming with Arrays <ul style="list-style-type: none"> ● What are Collections and Arrays? ● What is sorting of an Array? ● What is searching in an Array? ● Apply the concept of Arrays in block coding and arranging an array. Advanced Sequencing <ul style="list-style-type: none"> ● What is a sequence? ● Sequencing with Loops and Conditions 	Codes in code.org
November	PYTHON <ul style="list-style-type: none"> ● Python Modes ● Keywords ● Identifiers ● Types of Statements ● Loops 	Programs in Python IDLE

December	Data Science <ul style="list-style-type: none"> ● Data Science and Data scientist ● Uses of Data Science ● Stages ● Advantages and Disadvantages ● Applications ● Examples 	
January	Revision	
February	Annual Exam	

MID TERM EXAM

- Conditionals in Details
- Google Drive and Cloud space
- Computer Networking
- Get Creative with Loops
- Functions in Depth
- Google Sheets with AI

ANNUAL EXAM

- Programming with Arrays
- Advanced Sequencing
- Python
- Data Science