

BAGARIA BAL VIDYA NIKETAN
LAXMANGARH SIKAR
SYLLABUS & LESSON PLANNER - 2024-2025

Class	VIII
Subject	Computer
Teacher Name:-	Pawan Saini

Syllabus

Unit	Name of Book	Name of Chapter	Working Day	Period	Topic	Month	Week
Unit - 1	Adroit with Python	Operating System and GUI	23	11	Introduction to operating system, Functions, Types User interface, GUI, Comparing various	April	1,2,3,4
Unit - 2		MS Excel - Formulas & Function	13	7	Formatting, Entering a formula, range, cell reference Functions in Excel, Errors, Sorting, Filtering, Conditional Formatting	May	1,2
Unit - 3		Charts in MS Excel	11	6	Introduction to charts, components, types, elements Formatting a chart, combo chart, sparklines Group of worksheets, consolidating data	June	1,2
Unit - 4		Algorithms and Flowcharts	26	13	Introduction to Algorithms, characteristics, highlights and challenges, Introduction to flowchart, working, decision making, Loop construct	July	1,2,3,4
Unit - 5		Conditional Coding in Python	24	12	Control statement, types, If- else-elif statements	August	1,2,3,4
Unit - 6		Loops coding in Python			Concept of Loops, Iterative statements, while-for - infinite, loop else		
Unit - 7		Coding in C++, Python and Java	23	12	Introduction to C++, Python and Java, similarities, differences, practice codes	September	1,2,3,4
Unit - 8		App Development			Introduction to apps, types, uses, downloading and installing, working and developing		
Unit - 9		Networking & cloud Computing	23	12	Networking, Advantages, Disadvantages, components, types, architecture, topologies, terminology, Protocols Introduction to Cloud Computing, characteristics, advantages, storing and sharing	November	1,2,3,4
Unit - 10		Data Science			Data and its types, Big data, real world examples, Introduction to data science, need, careers, benefits and application		