

Class VII

SYLLABUS OVERVIEW

SUBJECT: CODING

Teacher: SM

Chapter No.	Name of the Chapter	Marks
1	Systematic Listing, Counting and Reasoning	10
2	Iterative Patterns and Processes	10
3	Information Processing	10
4	Discrete Mathematical Modelling	30
5	Following and Devising Algorithm	30
7	Coding Club	10
Total		100

Month	No. of Days	No. of Periods	Lesson/Unit	Activities/Projects /Practical experiment to be held/Specific Assessment Tools(s)
April to June	46	12	1.Computational Thinking	1.Solving sudoku (9x9 grid) 2. Solving cross word puzzle
			2.Systematic listing, counting, reasoning	
			3.Iterative pattern and processes.	
			4. Information processing	
July to September	52	18	5. Introduction to MS-Words	3. Solving jigsaw puzzle with 100 pieces. 4. Learning how to use word file.
			6.Information processing	
October to December	40	12	7. Following and Devising algorithm.	5. To prepare flowchart on how to write multiplication table.
		10	8. Flowchart for binary search	6.Code for finding the first 10 natural number numbers. 7.Program to checked the given word is palindrome.
			9. Coding club	
January to February	26	10	9. Introduction to programming	7. Basic Python program and revision