



Utsav Foundation

Work Office: H. No. 91, Silokhra Market, Gurugram-122001

Curriculum & Syllabus

Class: Prep-Junior-1st

Subject: Mathematics/Numbers

ISBN:978-81-95397-16-7

Book's Name: New Composite Mathematics

Writer's Name: Dr. R.S. Aggarwal, Vikas Aggarwal

Total Study Hours: 120 Hours

Total Marks: 100

Pass Criteria: 33%

Objectives:

- Express fundamental mathematical concepts, signs, equations, and formulae.
- Develop understanding, identification, and memorization of numbers from 1 to three digits.
- Encourage logical thinking and problem-solving skills.
- Build confidence in mathematical reasoning.
- Develop connections between mathematical concepts and real-world applications.

Course Structure:

No	Lesson	Study Time (Hours)	Marks	
1	Learning Basics (Counting 1-9, Matching, Odd One Out)	5	2.5	
2	Numbers from 1-10 (Just After/Before, Comparison)	5	2.5	
3	Addition (Counting, Drawing Lines, Word Problems)	5	5	
4	Subtraction (Word Problems)	5	5	
5	Concept of Zero (Addition & Subtraction Properties)	5	5	
6	Numbers from 11-20	5	5	
7	Numbers from 21-50	5	5	

8	Numbers from 51-100	5	5	
9	Numerals on Abacus	5	5	
10	Comparison & Ordering of Numbers	5	5	
11	Addition of 2-digit Numbers (With Carrying)	5	5	
12	Subtraction of 2-digit Numbers	5	5	
13	Skip Counting	5	5	
14	Multiplication	10	5	
15	Ordinal Numbers	5	5	
16	Time & Calendar	10	5	
17	Money	5	5	
18	Measurements	10	5	
19	Shapes	5	5	
20	Patterns	5	5	
21	Data Handling	5	5	
Total		120 Hours	100 Marks	

- Recite & Count Numbers
- Missing Numbers
- Forward/Backward Counting
- Count and Write
- Count and Match
- Circle the Correct Numbers
- Concept: Before-Between-After
- Number Dictation
- Concept: Long/Short
- Count Bears
- Tangram
- Puzzles
- Books, Videos, Blackboard Usage