



Utsav Foundation

New Learning Composite Mathematics – Level A (Class 3rd)

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Curriculum & Syllabus

Total Marks: 100 | Total Study Hours: 120

Learning Objectives:

Students will learn about numbers, their place values, fundamental arithmetic operations (addition, subtraction, multiplication, division), fractions, measurements, money, time, patterns, data handling, and geometrical structures.

Course Description & Units

Unit 1: Numbers & Numeration (10 hours)

- ***Understanding numbers: Ones, tens, hundreds, thousands***
- ***Place value and face value***
- ***Comparison of numbers***
- ***Ascending and descending order***
- ***Successor and predecessor of numbers***

Unit 2: Addition (10 hours)

- ***Importance of addition in daily life***
- ***Addition of one-digit numbers***
- ***Addition of two and three-digit numbers (with and without carryover)***
- ***Estimating sums***
- ***Addition of rupees and paise***

Unit 3: Subtraction (15 hours)

- ***Importance of subtraction in daily life***
- ***Subtraction of one-digit numbers***
- ***Subtraction of two and three-digit numbers (with and without borrowing)***
- ***Estimating differences***
- ***Subtraction of rupees and paise***

Unit 4: Multiplication (15 hours)

- ***Importance of multiplication in daily life***
- ***Multiplication of one-digit numbers***
- ***Multiplication of two and three-digit numbers (with and without carryover)***
- ***Word problems based on multiplication***

Unit 5: Division (10 hours)

- ***Importance of division in daily life***
- ***Division of one-digit numbers***
- ***Division of two and three-digit numbers (with and without carryover)***
- ***Word problems based on division***

Unit 6: Fractions (10 hours)

- ***Importance and use of fractions in daily life***
- ***Understanding equal parts of a whole or a group***
- ***Understanding numerator and denominator***
- ***Addition and subtraction of fractions***

Unit 7: Money (10 hours)

- ***Concept of money***
- ***Conversion of rupees into paise and vice versa***
- ***Addition and subtraction of money***

- ***Multiplication and division of rupees and paise***

Unit 8: Measurement (10 hours)

- ***Measuring length (centimeter, meter, kilometer)***
- ***Measuring weight (grams, kilograms)***
- ***Measuring liquid capacity (milliliters, liters)***

Unit 9: Time (10 hours)

- ***Concept of time***
- ***Reading a clock (hour, minute, second hands)***
- ***AM & PM, understanding the calendar***
- ***Conversion of days into hours, hours into minutes***

Unit 10: Data Handling (10 hours)

- ***Understanding pictographs***
- ***Using tally marks***
- ***Introduction to bar graphs***

Unit 11: Patterns (10 hours)

- ***Understanding patterns***
- ***Types of patterns***
- ***Number patterns***

Scheme of Evaluation (Total Marks: 100 | Exam Duration: 3 hours)

Pass Criteria: Minimum 33% marks required

Scheme of Evaluation – Theory Paper (100 Marks, 3 Hours)

Question Paper Pattern

<i>Question Type</i>	<i>No. of Questions</i>	<i>Marks per Question</i>	<i>Total Marks</i>

Multiple Choice Questions (MCQs)	20	1	20
Very Short Answer Questions (VSAQs)	10	2	20
Short Answer Questions (SAQs)	6	4	24
Long Answer Questions (LAQs)	3	6	18
Very Long Answer Questions (VLAQs)	2	9	18
Total	41	-	100

Details of Each Question Type

1. MCQs (20 Questions × 1 Mark = 20 Marks)

- **Each question has four options; only one is correct.**
- **Covers conceptual understanding, definitions, and basic knowledge.**

2. Very Short Answer Questions (10 Questions × 2 Marks = 20 Marks)

- **Answers should be within 1-2 sentences.**
- **Covers definitions, formulas, or key points.**

3. Short Answer Questions (6 Questions × 4 Marks = 24 Marks)

- *Requires brief explanation (3-4 sentences).*
- *May include examples, steps, or small calculations.*

4. Long Answer Questions (3 Questions × 6 Marks = 18 Marks)

- *Requires explanation with reasoning, diagrams, or problem-solving steps.*
- *Answers should be at least 6-8 sentences long.*

5. Very Long Answer Questions (2 Questions × 9 Marks = 18 Marks)

- *Requires detailed explanation, derivation, or stepwise solution.*
- *Answers should be 10-12 sentences with diagrams or examples where necessary.*

Question Type	No. of Questions	Marks per Question	Total Marks		
Multiple Choice Questions (MCQs)	14	1	14		
Short Answer Questions	12	2	24		
Very Short Answer Questions	10	3	30		
Long Answer Questions	4	3	12		
Very Long Answer Questions	4	5	20		
Total	44 Questions	-	100 Marks		

Self-Assessment:

- *Each lesson includes exercises for self-evaluation.*
- *Students can check their answers against provided solutions.*
- *Additional practice papers will be available for better understanding.*

External Assessment:

- *A written examination of 100 marks will be conducted.*
- *The exam will include objective, short answer, and long answer questions based on the syllabus.*
- *The passing criteria is 33% (minimum 33 marks out of 100).*