

Teacher Name:- Gunjal Akshata Devidas

Subject Name:- Mathematics

Qualification:- Diploma(Information Technology) , Bcs(Computer Science).

Mathematics for Primary Classes

Mathematics is a fundamental subject that helps students develop problem-solving skills, logical thinking, and numerical understanding. In primary classes, mathematics focuses on building a strong foundation in basic concepts.

1. Numbers & Counting

Recognizing numbers (1-100 or more), Counting forward and backward, Odd and even numbers.

2. Basic Arithmetic Operations

Addition (e.g., $5 + 3 = 8$), Subtraction (e.g., $10 - 4 = 6$), Multiplication (e.g., $2 \times 3 = 6$), Division (e.g., $12 \div 4 = 3$)

3. Place Value & Number System.

Understanding ones, tens, and hundreds, Writing numbers in words and digits

4. Measurement

Length (centimeters, meters), Weight (grams, kilograms), Capacity (milliliters, liters), Time (reading clocks, days of the week, months)

5. Shapes & Geometry

Identifying 2D shapes (circle, square, rectangle, triangle), Identifying 3D shapes (cube, sphere, cylinder), Understanding symmetry and patterns

6. Money

Recognizing coins and currency notes, Simple money transactions (addition and subtraction)

7. Data Handling

Reading and drawing simple bar graphs, Understanding pictographs.

8. Fractions (introduced in later primary grades)

Understanding halves, thirds, and quarters, Simple fraction addition.

9. Word Problems

Applying math concepts in real-life situations, Solving problems using addition, subtraction, multiplication, and division.

10. Patterns & Sequences.

Identifying and continuing number patterns, Understanding increasing and decreasing sequences, Importance of Mathematics for Primary Students, Develops logical and analytical thinking, Helps in everyday calculations (money, time, measurement), Improves problem-solving abilities, Builds confidence in handling numbers.