

# Mathematics Exam Syllabus

## Grade 1

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### 1. Number Recognition and Counting:

- Recognizing and writing numbers from 1 to 100.
- Counting forward and backward up to 100.

### 2. Addition and Subtraction:

- Basic addition facts up to 20 (e.g.,  $1+1$ ,  $2+2$ , etc.).
- Simple subtraction within 20.

### 3. Shapes and Patterns:

- Identifying and naming basic 2D shapes (e.g., circle, square, triangle).
- Extending simple patterns (e.g., AB, ABB).

### 4. Measurement:

- Comparing and ordering objects by length, weight, and size.
- Understanding terms like “longer,” “shorter,” “heavier,” and “lighter.”

### 5. Time:

- Telling time to the hour and half-hour on analog clocks.

### 6. Money:

- Recognizing and counting coins (penny, nickel, dime, quarter).

### 7. Data and Graphs:

Interpreting basic picture graphs and bar graphs with pictorial representations.

### 8. Basic Word Problems:

- Simple word problems involving addition and subtraction with objects or pictures.