



## Maths Marathon Syllabus

### 1st STANDARD

School Level	State Level
One-Many	Numbers 1 to 50
Counting of Numbers	Addition - up to 20
Increasing / Decreasing Order	Subtraction - up to 20
Addition - Single Digit	Counting of objects
Subtraction - Single Digit	Observe and understand

### 2nd STANDARD

School Level	State Level
Counting of Numbers	Neighboring Numbers
Addition - Single Digit	Addition - Two Digit
Subtraction - Single Digit	Subtraction - Two Digit
Place Values	Tables - 1 to 10
Comparing Numbers	Reading Pictures

### 3rd STANDARD

School Level	State Level
Introduction to Geometrical Figures	Addition by carrying over
Number Work	Subtraction by Borrowing
Addition without carrying over	Multiplication/Division
Subtraction without Borrowing	Measurement of Time
Multiplications	Fractions

### 4th STANDARD

School Level	State Level
Geometrical Figures	Word Problems: Addition and Subtraction
Number Work	Fractions
Addition / Subtraction - Part 1	Measurement
Multiplication / Division - Part 1	Perimeter and Area
Measuring Time	Multiplication / Division - Part 2

5th STANDARD	
School Level	State Level
Roman Numerals	Multiple and Factors
Number Work	Decimal Fractions
Addition and Subtraction	Measuring Time
Multiplication And Division	Problems on Measurement
Fractions	Perimeter and Area

6th STANDARD	
School Level	State Level
Geometry (Basic) and Angles	Equations
Integers	Ratio-Proportion
Fractions and Decimal Fractions	Percentage & Profit - Loss
Divisibility	Triangles & Quadrilaterals
HCF-LCM	Geometrical Constructions

7th STANDARD	
School Level	State Level
Multiplication And Division	Algebraic Expressions
HCF-LCM	Direct Proportion and Inverse Proportion
Angles and Pairs of Angles	Circle, Perimeter and Area
Operations and Rational Numbers	Pythagoras Theorem
Indices	Algebraic Expressions - Expansion of Squares

8th STANDARD	
School Level	State Level
Rational and Irrational numbers	Division of Polynomials
Indices and Cube root	Equations in one variable
Expansion Formulae	Congruence of triangles
Factorization of Algebraic expressions	Compound Interest
Variation / Discount and Commission	Area, Surface area and Volume

9th STANDARD	
School Level	State Level
Sets / Real Numbers	Ratio and Proprtion
Polynomials	Linear equations in Two variables
Basic Concepts in Geometry	Quadrilaterals / Co-ordinate Geometry
Parallel Lines	Trigonometry
Triangles	Surface Area and Volume

- Practice books are available for each standard.
- Practice book will contain 100 questions and answers from each topic for student's practice.
- The above syllabus has been taken from respective standard text book