

SYLLABUS for Grade - 6:

A.	BASIC CALCULATIONS
1.	Operations on Large Numbers (Addition, Subtraction, Multiplication, Division)
2.	Roman Numerals
3.	Metric System
B.	SIMPLIFICATION
1.	Simplification using: • D- MAS • BODMAS
2.	Rounding of Numbers
3.	Approximation/ Estimation
4.	Fractions
5.	Operations of Fractions
6.	Decimals
7.	Operations of Decimals
8.	Integers
9.	Operations of Integers
10.	Division Algorithm
11.	Exponents and Powers (Basic – Intermediate)
C.	NUMBER SYSTEM
1.	Natural Number
2.	Whole Number
3.	Prime and Composite Numbers
4.	Rational Number

D.	HCF & LCM
1.	Test of Divisibility
2.	Factors and Multiples
3.	Prime Factorization
4.	Concepts of HCF and LCM
5.	Problems on HCF and LCM
E.	ARITHMETIC
1.	Ratio and Proportion
2.	Unitary Method
3.	Direct and Inverse Variation
4.	Average
5.	Percentage
F.	EQUATIONS
1.	Linear Equation in One Variable
2.	Word Problems Based on Linear Equations
G.	SPEED, DISTANCE AND TIME
1.	Problems on Speed, Distance and Time
H.	COMMERCIAL MATHEMATICS
1.	Profit and Loss (Basic – Intermediate)
2.	Simple Interest (Basic – Intermediate)
I.	ALGEBRA
1.	Concepts of Algebra

2.	Operations on Algebraic Expressions
3.	Algebraic Identities
J.	GEOMETRY
1.	Introduction to Geometry
2.	Lines and Angles
3.	Triangles
4.	Circles
K.	VOLUME AND SURFACE AREA
1.	Areas and Perimeter
2.	Mensuration
L.	STATISTICS
1.	Measures of Central Tendency (Mean)
2.	Median, Quartiles and Mode