NEW ERA SENIOR SECONDARY SCHOOL
MATHS SYLLABUS (2025-2026)
CLASS –V

MONTH (No. of days)	TOPICS
APRIL **+** **MAY** **(22+3)**	**CH 2. ROMAN NUMERALS** • Roman numbers till 100 **CH 3. LARGE NUMBERS** • Nos. from 10,000 to Crore • International & Indian System of nos. • Place value and face value • Expanded form & Standard form • Ordering of nos. **CH 4. OPERATIONS ON LARGE NUMBERS (ADDITION AND SUBTRACTION)** • Addition and subtraction of numbers • Word problems on addition and subtraction
JUNE **(18)**	**CH 4. OPERATIONS ON LARGE NUMBERS (MULTIPLICATION AND DIVISION)** • Multiplication and division of numbers (Divisor up to 3 digit) • Word problems • Simplification
JULY **(26)**	**CH 16. LINES, ANGLES AND SHAPES** • Plane, point, line, line-segment and ray. • An angle, parts of angle, naming an angle, measurement, classification, construction of angles using a protractor. • Triangles, types of triangles • Quadrilaterals-square and rectangle **CH 11. ROUNDING NUMBERS**
AUGUST **(22)**	**CH 5. AND 6. MULTIPLES AND FACTORS** • Even & odd numbers • To find multiples and factors of the given numbers. • Introduction to prime and composite nos. • Tests for divisibility of nos. • Prime factorization • Common factors & multiples • H.C.F. (prime factorization & division method) • L.C.M. (prime factorization & division method)
SEPTEMBER **(23)**	**CH 7 AND 8. FRACTIONS** • Fractional part of a collection • Fraction as division • Types of fractions • Converting improper fractions in to mixed fractions & vice-versa • Equivalent fractions • Fractions in their lowest terms • Ordering of fractions • Operations of fractional nos. • Word problems on fractions including addition and subtraction.

OCTOBER (11)	**CH 9 ,10 <u>DECIMALS</u>** • Converting decimal to fraction and vice-versa • Like and unlike decimal fractions • Equivalent decimals • Expanded form • Ordering of decimal fractions • Four operations on decimals • Word problems
NOVEMBER (21)	**CH 9 ,10 <u>DECIMALS (to be continued)</u>** **CH 15. <u>MEASUREMENT</u>** Length, Mass, Capacity conversion
DECEMBER (23)	**CH 12. <u>PERCENTAGE</u>** • Introduction of percentage • Converting % into fractions and vice-versa • Converting % into decimal and vice-versa **CH 17. <u>PERIMETER & AREA</u>** • Perimeter of a polygon • Perimeter of rectangle and square • Area of a rectangle and a square • Word problems
JANUARY (25)	**<u>CH 14. TIME</u>** • 12-Hour and 24- clock time • Conversion 12-hour clock and 24-hour clock time • Adding and Subtracting time (hrs. min sec) • Multiplying and Dividing time • Calculation of duration of events. **CH 20. <u>MATHS IN REAL LIFE</u>** • Finding multiple cost • Reading and making bills. • Unitary method • Speed and units of speed
FEBRUARY (22)	**CH 18. <u>SOLID, BOXES AND VOLUME</u>** • Volume of solids- cuboids and cubes • Nets of solids **CH 19. <u>DATA HANDLING</u>** • Reading and representing the data using Tally marks • Reading and drawing Pictograph • Reading and drawing a Bar graph • Reading a Pie Chart • Reading a Line graph
MARCH	**<u>CH 13. PATTERNS</u>** • Number patterns • Palindromes • Patterns in a calendar **REVISION**