

NEW ERA SENIOR SECONDARY SCHOOL
MATHS SYLLABUS (2026-2027)
CLASS -V

| MONTH (No. of days) | TOPICS |
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| APRIL + MAY (23+2) | CH 2. <u>LARGE NUMBERS</u> <ul style="list-style-type: none"> • Nos. from 10,000 to Crore • International & Indian System of nos. • Place value and face value • Expanded form & Standard form • Comparison and Ordering of numbers. CH 3. <u>ADDITION AND SUBTRACTION</u> <ul style="list-style-type: none"> • Addition and subtraction of numbers • Estimation • Word problems on addition and subtraction |
| JUNE (19) | CH 4. <u>MULTIPLICATION AND DIVISION</u> <ul style="list-style-type: none"> • Multiplication and division of numbers (Divisor up to 3 digit) • Word problems • Tests for divisibility of no 2, 3, 5 and 10. • Simplification |
| JULY (26) | CH 11. <u>ONE TO MANY: THE UNITARY METHOD</u> <ul style="list-style-type: none"> • Cost of one out of many • Cost of many with one CH 14. <u>SYMMETRY, PATTERNS, TILING</u> <ul style="list-style-type: none"> • Symmetry in designs • Patterns • Tiling • Tessellation CH 12. <u>ANGLES</u> <ul style="list-style-type: none"> • Plane, point, line, line-segment and ray. • An angle, parts of angle, naming an angle, measurement, classification, construction of angles using a protractor. |
| AUGUST (23) | CH 5. <u>MULTIPLES AND FACTORS</u> <ul style="list-style-type: none"> • Even & odd numbers • To find multiples and factors of the given numbers. • Introduction to prime and composite nos. • Prime factorization, factor tree • Common factors & multiples • H.C.F. (prime factorization & division method) • L.C.M. (prime factorization & division method) |

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| SEPTEMBER (23) | CH 7 <u>FRACTIONS</u> <ul style="list-style-type: none"> • 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 CH 8 <u>ADDING AND SUBTRACTING FRACTIONS</u> <ul style="list-style-type: none"> • Operations of fractional nos. • Word problems on fractions including addition and subtraction. |
| OCTOBER (23) | CH 9 <u>DECIMALS</u> <ul style="list-style-type: none"> • Converting decimal to fraction and vice-versa • Expanded form • Place values in decimals • Like and unlike decimal fractions • Equivalent decimals • Comparing and Ordering decimal |
| NOVEMBER (11) | CH 10. <u>PERCENTAGE</u> <ul style="list-style-type: none"> • Introduction of percentage • Converting % into fractions and vice-versa • Converting % into decimal and vice-versa |
| DECEMBER (23) | <u>PERCENTAGE continue....</u> <ul style="list-style-type: none"> • Percentage of a number • Word problems CH 16 <u>DIRECTIONS, POSITIONS, PATHS</u> <ul style="list-style-type: none"> • Directions • Positions in a grid • Locating points in a grid |
| JANUARY (22) | CH 13. <u>SHAPES</u> <ul style="list-style-type: none"> • Triangles, types of triangles • Quadrilaterals-square and rectangle CH 15. <u>PERIMETER, AREA AND VOLUME</u> <ul style="list-style-type: none"> • Perimeter of a polygon • Perimeter of rectangle and square • Area of a rectangle and a square • Volume of solids- cuboids and cubes |
| FEBRUARY (23) | CH 6. <u>PATTERNS</u> <ul style="list-style-type: none"> • Number patterns • Addition patterns • Multiplication and Division Patterns • Palindrome numbers CH 17. <u>DATA HANDLING</u> <ul style="list-style-type: none"> • Reading and representing the data using Tally marks • Reading and drawing Pictograph • Reading and drawing a Bar graph • Reading a Pie Chart |

| MARCH | REVISION |
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