Class and Topic Schedule for 8th Class Mathematics

Topic	Content	Date
Rational Numbers	Introduction	10-Jun-25
Rational Numbers	Properties of Rational Numbers	10-Jun-25
Rational Numbers	Closure	10-Jun-25
Rational Numbers	Commutativity	10-Jun-25
Rational Numbers	Associativity	10-Jun-25
Rational Numbers	Identity	10-Jun-25
Rational Numbers	Distributivity of multiplication over addition for rational numbers	10-Jun-25
Linear Equations in One Variable	Introduction	12-Jun-25
Linear Equations in One Variable	Solving Equations having the Variable on both Sides	12-Jun-25
Linear Equations in One Variable	Reducing Equations to Simpler Form	12-Jun-25
Understanding Quadrilaterals	Introduction	14-Jun-25
Understanding Quadrilaterals	Convex and concave polygons	14-Jun-25
Understanding Quadrilaterals	Regular and irregular polygons	14-Jun-25

Understanding Quadrilaterals	Sum of the Measures of the Exterior Angles of a Polygon	14-Jun-25
Understanding Quadrilaterals	Kinds of Quadrilaterals	14-Jun-25
Understanding Quadrilaterals	Trapezium	14-Jun-25
Understanding Quadrilaterals	Kite	16-Jun-25
Understanding Quadrilaterals	Parallelogram	16-Jun-25
Understanding Quadrilaterals	Elements of a parallelogram	16-Jun-25
Understanding Quadrilaterals	Some Special Parallelograms	16-Jun-25
Understanding Quadrilaterals	Rhombus	16-Jun-25
Understanding Quadrilaterals	A rectangle	16-Jun-25
Understanding Quadrilaterals	A square	16-Jun-25
Data Handling	Looking for Information	18-Jun-25
Data Handling	Circle Graph or Pie Chart	18-Jun-25
Data Handling	Chance and Probability	18-Jun-25
Data Handling	Getting a result	18-Jun-25
Data Handling	Equally likely outcomes	18-Jun-25
Data Handling	Linking chances to probability	18-Jun-25
Data Handling	Outcomes as events	18-Jun-25

Data Handling	Chance and probability related to real life	18-Jun-25
Squares and Square Roots	Introduction	20-Jun-25
Squares and Square Roots	Properties of Square Numbers	20-Jun-25
Squares and Square Roots	Some More Interesting Patterns	20-Jun-25
Squares and Square Roots	Finding the Square of a Number	20-Jun-25
Squares and Square Roots	Other patterns in squares	20-Jun-25
Squares and Square Roots	Pythagorean triplets	20-Jun-25
Squares and Square Roots	Square Roots	20-Jun-25
Squares and Square Roots	Finding square roots	22-Jun-25
Squares and Square Roots	Finding square root through repeated subtraction	22-Jun-25
Squares and Square Roots	Finding square root through prime factorisation	22-Jun-25
Squares and Square Roots	Finding square root by division method	22-Jun-25
Squares and Square Roots	Square Roots of Decimals	22-Jun-25
Cubes and Cube Roots	Introduction	24-Jun-25
Cubes and Cube Roots	Cubes	24-Jun-25
Cubes and Cube Roots	Some interesting patterns	24-Jun-25
Cubes and Cube Roots	Cube Roots	24-Jun-25

Comparing Quantities	Recalling Ratios and Percentages	24-Jun-25
Comparing Quantities	Finding Discounts	24-Jun-25
Comparing Quantities	Estimation in percentages	24-Jun-25
Comparing Quantities	Sales Tax/Value Added Tax/Goods and Services Tax	24-Jun-25
Comparing Quantities	Compound Interest	24-Jun-25
Comparing Quantities	Deducing a Formula for Compound Interest	24-Jun-25
Comparing Quantities	Applications of Compound Interest Formula	24-Jun-25
Algebraic Expressions and Identities	Addition and Subtraction of Algebraic Expressions	26-Jun-25
Algebraic Expressions and Identities	Multiplication of Algebraic Expressions: Introduction	26-Jun-25
Algebraic Expressions and Identities	Multiplying a Monomial by a Monomial	26-Jun-25
Algebraic Expressions and Identities	Multiplying two monomials	26-Jun-25
Algebraic Expressions and Identities	Multiplying three or more monomials	26-Jun-25
Algebraic Expressions and Identities	Multiplying a Monomial by a Polynomial	26-Jun-25
Algebraic Expressions and Identities	Multiplying a monomial by a binomial	26-Jun-25
Algebraic Expressions and Identities	Multiplying a monomial by a trinomial	26-Jun-25
Algebraic Expressions and Identities	Multiplying a Polynomial by a Polynomial	26-Jun-25
Algebraic Expressions and Identities	Multiplying a binomial by a binomial	26-Jun-25

Algebraic Expressions and Identities	Multiplying a binomial by a trinomial	26-Jun-25
Algebraic Expressions and Identities	Multiplying a binomial by a trinomial	26-Jun-25
Mensuration	Introduction	28-Jun-25
Mensuration	Area of a Polygon	28-Jun-25
Mensuration	Solid Shapes	28-Jun-25
Mensuration	Surface Area of Cube, Cuboid and Cylinder	28-Jun-25
Mensuration	Cuboid	28-Jun-25
Mensuration	Cube	28-Jun-25
Mensuration	Cylinders	28-Jun-25
Mensuration	Volume of Cube, Cuboid and Cylinder	28-Jun-25
Mensuration	Volume and Capacity	28-Jun-25
Exponents and Powers	Introduction	30-Jun-25
Exponents and Powers	Powers with Negative Exponents	30-Jun-25
Exponents and Powers	Laws of Exponents	30-Jun-25
Exponents and Powers	Use of Exponents to Express Small Numbers in Standard Form	30-Jun-25
Exponents and Powers	Comparing very large and very small numbers	30-Jun-25
Direct and Inverse Proportions	Introduction	30-Jun-25

Direct and Inverse Proportions	Direct Proportion	30-Jun-25
Direct and Inverse Proportions	Inverse Proportion	1-Jul-25
Factorisation	Introduction	1-Jul-25
Factorisation	Factors of natural numbers	1-Jul-25
Factorisation	Factors of algebraic expressions	1-Jul-25
Factorisation	What is Factorisation?	1-Jul-25
Factorisation	Method of common factors	1-Jul-25
Factorisation	Factorisation by regrouping terms	1-Jul-25
Factorisation	Factorisation using identities	1-Jul-25
Factorisation	Factors of the form (x + a) (x + b)	1-Jul-25
Factorisation	Division of Algebraic Expressions	1-Jul-25
Factorisation	Division of a monomial by another monomial	1-Jul-25
Factorisation	Division of a polynomial by a monomial	1-Jul-25
Factorisation	Division of Algebraic Expressions Continued (Polynomial ÷ Polynomial)	1-Jul-25
Introduction to Graphs	Introduction	2-Jul-25
Introduction to Graphs	A line graph	2-Jul-25
Introduction to Graphs	Some Applications	2-Jul-25