

Syllabus of Mathematics

Students appearing exam for 6th standard (5th class to 6th class)

Mathematics Syllabus

1. Bigger Numbers
2. Four basic operations
3. Angles in our surrounding
4. Parts and wholes - Fractions
5. Does it look same? – Symmetry
6. Be my multiple I'll be your factor. – Factors & multiples
7. Patterns
8. Length, mass, weight
9. Money, Time & Calendar.
10. Spaces and boundaries
11. Playing with shapes

Students appearing exam for 7th standard (6th class to 7th class)

Mathematics Syllabus

1. Knowing our Numbers.
2. Whole numbers.
3. Playing with Numbers.
4. Basic Geometrical Ideas.
5. Understanding Elementary Shapes.
6. Integers.
7. Fractions & Decimals.
8. Mensuration.
9. Algebra.
10. Symmetry

Students appearing exam for 8th standard (7th class to 8th class)

Mathematics Syllabus

1. Integers.
2. Fractions & Decimals.
3. Data Handling.
4. Lines and Angles.
5. Triangles & Properties.
6. Congruency of triangles.
7. Perimeter and Area.
8. Algebraic Expressions.
9. Exponents and powers.
10. Symmetry.
11. Visualising and Solid shapes.

Students appearing exam for 9th standard (8th class to 9th class)

Mathematics Syllabus

1. Linear equations in one variable.
2. Understanding Quadrilaterals.
3. Data Handling.
4. Squares and Square roots.
5. Cubes and Cube roots.
6. Comparing quantities.
7. Algebraic Expressions and Identities.
8. Visualising solid shapes.
9. Mensuration.
10. Exponents and Powers.
11. Factorisation.

Students appearing exam for 10th standard CBSE And STATE (9th class to 10th class)

Mathematics Syllabus

1. Number system
2. Polynomials
3. Co-ordinate Geometry
4. Introduction to Euclid Geometry
5. Lines and angles
6. Triangles
7. Linear equations two variables
8. Quadrilateral
9. Areas of parallelogram and Triangles
10. Circles

Students appearing exam for 11th standard STATE And CBSE (10th class to 11th class)

Mathematics Syllabus

1. Real Numbers
2. Polynomials
3. Pair of linear equations in two variables
4. Quadratic Equations
5. Progressions (January)
6. Co-ordinate Geometry
7. Similar Triangles
8. Mensuration
9. Trigonometry
10. Application of Trigonometry
11. Statistics

Students appearing exam for 11th standard CBSE (10th class to 11th class)

Mathematics Syllabus

1. Real Numbers
2. Polynomials
3. Pair of linear equations in two variables
4. Quadratic Equations
5. Arithmetic Progression
6. Triangles
7. Coordinate Geometry
8. Introduction in Trigonometry
9. Some Application of Trigonometry
10. Circles
11. Areas related in circles
12. Surface Areas and Volumes
13. Statistics
14. Probability