Nex Classes
Learn Grow Excel

SYLLABUS

Grade 7 - Maths Curriculum



Nex Classes is a leading live-class platform

Alligned with CBSE curriculum

Alligned with CISCE curriculum

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Syllabus Content

Our comprehensive evaluation identifies each student's current proficiency level, discovering areas that require improvement.

Integers

Operations, Properties, Application in daily life

Fractions and Decimals

Operations (add/subtract/multiply/divide), Real-world applications

Data Handling

Mean, Median, Mode, Bar graphs, Probability basics

Simple Equations

Solving linear equations, Word problems, Forming equations



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Lines and Angles

Properties, Types of angles, Intersecting and Parallel lines

The Triangle and Its Properties

Types of triangles, Angle sum property, Medians, Altitudes

Comparing Quantities

Percentages, Ratios, Profit/Loss, Simple interest

Rational Numbers

Operations, Representation on number line, Properties

Perimeter and Area

Rectangles, Parallelograms, Triangles, Application problems

Algebraic Expressions

Types, Operations, Identities, Application



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Exponents and Powers

Laws of exponents, Scientific notation

Symmetry

Lines and rotational symmetry, Symmetric figures

Visualising Solid Shapes

3D objects, Cross-sections, Views

