



Mathematics Curriculum Overview (Federal): Pakistan

Grade	Number	Algebra	Data	Spatial Sense, Geometry & Measurement	Financial Literacy	Social-Emotional Learning & Mathematical Processes
Grade 6	<ul style="list-style-type: none"> - Sets - Whole Numbers - Factors and Multiples - Integers 	<ul style="list-style-type: none"> - Simplifications - Ratio and Proportion - Introductions to Algebra - Linear Equations 	<ul style="list-style-type: none"> - Information Handling 	<ul style="list-style-type: none"> - Geometry - Mensuration 	<ul style="list-style-type: none"> - Financial Arithmetic 	n/a
Grade 7	<ul style="list-style-type: none"> - Sets - Rational Numbers - Square and Square Roots 	<ul style="list-style-type: none"> - Introduction to Algebra - Linear Equations 	<ul style="list-style-type: none"> - Variation - Information Handling - Probability 	<ul style="list-style-type: none"> - Geometry - Practical Geometry - Circumference, Area, and Volume 	<ul style="list-style-type: none"> - Financial Arithmetic 	n/a
Grade 8	<ul style="list-style-type: none"> - Operations on Sets - Real Numbers - Number Systems - Polynomials 	<ul style="list-style-type: none"> - Factorization - Simultaneous Equations 	<ul style="list-style-type: none"> - Information Handling 	<ul style="list-style-type: none"> - Fundamentals of Geometry - Practical Geometry - Areas and Volume - Demonstrative Geometry - Introduction to Trigonometry 	<ul style="list-style-type: none"> - Financial Arithmetic 	n/a
Grade 9	<ul style="list-style-type: none"> - Matrices and Determinants - Real and Complex Numbers - Arithmetic and Geometric Sequences - Sets and Functions 	<ul style="list-style-type: none"> - Exponents and Logarithms - Algebraic Expressions and Algebraic Formulas - Factorization - Algebraic Manipulation - Linear Equations and Inequalities - Linear Graphs & Their Application 	<ul style="list-style-type: none"> - Percentage, Ratio and Proportion - Basic Statistics 	<ul style="list-style-type: none"> - Introduction to Coordinate Geometry - Congruent Triangles - Parallelograms and Triangles - Line Bisectors and Angle Bisectors - Sides and Angles of a Triangle - Ratio and Proportion - Pythagoras' Theorem - Theorems Related with Area - Practical Geometry-Triangles 	<ul style="list-style-type: none"> - Zakat, Ushr and Inheritance - Business Mathematics - Financial Mathematics - Consumer Mathematics 	n/a