

Year 6 Course Plan (Maths Syllabus)

Topics	Subtopics
1. Numbers	1.1 Whole numbers and their operations
	1.2 Multiples and factors
	1.3 Decimals and their operations
	1.4 Order of operations (BIDMAS)
	1.5 Fraction numbers and its operations
	1.6 Groups of numbers and their properties
2. Percentages	2.1 Introduction to percentages
	2.2 Finding a percentage of a quantity
	2.3 Expressing one quantity as a percentage of another
	2.4 Problem-solving involving percentages
3. Ratios	3.1 Introduction to ratios
	3.2 Dividing in a given ratio
	3.3 Problem-solving involving ratios
4. Geometry	4.1 Types of angles
	4.2 Angle rules (straight line and at a point)
	4.3 Angles in triangles and quadrilaterals
	4.4 Classifying triangles and quadrilaterals
	4.5 Area and perimeter of 2D shapes
	4.6 Introduction to coordinate geometry

5. Units and Conversions	5.1 Converting between metric units (length, mass, volume)
	5.2 Working with mixed units
	5.3 Converting units in area and volume
6. Statistics	6.1 Median, Mode and Mean
	6.2 Pictograms
	6.3 Bar charts and line graphs
	6.4 Frequency tables
7. Algebra	7.1 Negative numbers and basic rules
	7.2 Introduction to basic algebra
	7.3 Simplifying expressions (collecting like terms)
	7.4 Expanding single brackets
	7.5 Expanding brackets and simplifying expressions
	7.6 Solving simple equations
	7.7 Making and solving equations
	7.8 Factorising simple expressions
	7.9 Substituting values into expressions