Mathematics Curriculum Overview

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Baseline; counting and comparing to 10; patterns within 10; 2D shapes	Number composition to 10; subitising; bonds to 5; counting and comparing; measurement	Number composition to 10; subitising; bonds to 5; counting, patterns and measurement	Number composition to 10; bonds to 10; counting; 2D/3D shapes; time and money	Number composition to 10; bonds to 10; counting and patterns	Number composition to 20; bonds to 10; counting; spatial reasoning; capacity
Year 1	Place value within 10; 2D shapes; addition and subtraction	Addition and subtraction; 3D shapes; place value within 20	Place value within 50; multiplication and division; position and direction; measurement	Measurement; multiplication and division; statistics	Fractions; place value within 100; addition and subtraction	Place value within 100; addition and subtraction; measurement
Year 2	Place value; addition and subtraction	Shape; addition and subtraction; measurement; statistics	Fractions; measurement	Addition and subtraction; multiplication and division; shape	Measurement; revision; fractions	Measurement; position and direction; statistics; investigations
Year 3	Place value; addition and subtraction; multiplication and division	Addition and subtraction; fractions; statistics	Multiplication and division; place value; addition and subtraction	Multiplication and division; measurement; shape	Measurement; fractions; position and direction	Measurement; revision; investigations
Year 4	Place value; addition and subtraction	Multiplication and division; measurement	Fractions (including decimals); measurement	Measurement; shape; position and direction	Statistics; number revision	Measurement revision; investigations
Year 5	Place value; addition and subtraction; multiplication and division	Multiplication and division; fractions (including decimals and percentages); shape; statistics	Place value; addition and subtraction; multiplication and division (including decimals); shape; position and direction	Measurement; statistics; fractions (including decimals and percentages)	Measurement; statistics; position and direction; fractions (including decimals and percentages)	Fractions (including decimals and percentages); multiplication and division; revision; investigations
Year 6	Place value; addition and subtraction; multiplication and division (including decimals)	Shape; fractions (including decimals and percentages); measurement	Place value; four operations; ratio and proportion; measurement	Position and direction; fractions (including decimals and percentages); measurement	Statistics; revision; SATs; algebra	Algebra; statistics; investigations

Progression into year 7

By the end of Year 6, pupils should have secure foundations in fluency, reasoning and problem-solving to build upon in Key Stage 3.

- **Number:** Calculate confidently with whole numbers, fractions, decimals and percentages, developing understanding of rational numbers, powers and roots.
- **Algebra:** Recognise patterns, use simple formulae and solve missing-number problems, preparing for equations and expressions.
- **Ratio, Proportion and Rates of Change**: Apply fractions, percentages, ratios and scaling to solve problems involving proportional relationships.
- **Geometry and Measures:** Apply knowledge of shapes, angles, measures and coordinates, preparing for transformations and more complex reasoning.
- **Probability and Statistics:** Interpret and present data, use averages and develop an understanding of probability.
- **Mathematical Reasoning:** Solve multi-step problems, select efficient strategies and justify solutions, preparing for mathematical arguments and proofs.