



Year 4

Maths Overview

Term	Unit	Strand
Autumn Textbook A	Unit 1 (8 lessons)	Place Value- 4-digit numbers (1): - Represent and partition numbers to 1000 - Number line to 1000 - Multiples of 1000 4-digit numbers - Partition 4-digit numbers - Partition 4-digit numbers flexibly 1, 10, 100, 1000 more or less 1,000s, 100s, 10s and 1s
	Unit 2 (8 lessons)	Place Value- 4-digit numbers (2) - Number line to 10,000 - Between two multiples - Estimate on a numberline to 10,000 - Compare and order numbers to 10,000 - Round to the nearest 1,000 - Round to the nearest 100 - Round to the nearest 10 - Round to the nearest 1,000, 100 or 10
	Unit 3 (16 lessons)	Addition and subtraction - Add and subtract 1s, 10s, 100s, 1000s - Add two 4-digit numbers - Add two 4-digit numbers- one exchange - Add with more than one exchange - Subtract two 4-digit numbers - Subtract two 4-digit numbers - one exchange - Subtract two 4-digit numbers- more than one exchange - Exchange across two columns - Efficient methods - Equivalent difference - Estimate answers - Check strategies - Problem solving- one step - Problem solving- comparison - Problem solving- two steps - Problem solving- multi-step problems
	Unit 4 (5 lessons)	Measure- area - What is area? - Measure area using squares - Count squares - Make squares - Compare area



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	Unit 5 (12 lessons)	Multiplication and division (1) • Multiples of 3 • Multiply and divide by 6 • 6 times-table and division facts • Multiply and divide by 9 • 9 times-table and division facts • The 3,6 and 9 times-table • Multiply and divide by 7 • 7 times-table and division facts • 11 and 12 times-tables and division facts • Multiply by 1 and 0 • Divide by 1 and itself • Multiply three numbers
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Spring Textbook B	Unit 6 (16 lessons)	Multiplication and division (2): - Factor pairs - Multiply and divide by 10 - Multiply and divide by 100 - Related facts- multiplication - Related facts- division - Multiply and add - Informal written methods - Multiply 2 digits by 1 digit - Multiply 3 digits by 1 digit - Solve multiplication problems - Basic division - Division and remainders - Divide 2-digit numbers - Divide 3-digit numbers - Correspondence problems - Efficient multiplication
	Unit 7 (6 lessons)	Length and perimeter: - Measure in km and m - Perimeter on a grid - Perimeter of a rectangle - Perimeter of rectilinear shapes - Find missing lengths in rectilinear shapes - Perimeter of polygons
	Unit 8 (9 lessons)	Fractions (1) - Count beyond 1 - Partition a mixed number - Number lines with mixed numbers - Compare and order mixed numbers - Convert mixed numbers to improper fractions - Convert improper fractions to mixed numbers - Equivalent fractions - Equivalent fraction families - Simplify fractions
	Unit 9 (8 lessons)	Fractions (2): - Add and subtract two or more fractions - Add fractions and mixed numbers - Subtract from mixed numbers - Subtract from whole amounts - Problem solving- add and subtract fractions (1) - Problem solving- add and subtract fractions (2) - Fractions of an amount
	Unit 10 (12 lessons)	Decimals (1): - Tenths as fractions - Tenths as decimals - Tenths on a place value grid - Tenths on a number line (1) - Tenths on a number line (2) - Divide 1 digit by 10 - Divide 2 digits by 10 - Hundredths as fractions - Hundredths as decimals - Hundredths on a place value grid - Divide 1 or 2 digits by 100



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- Divide by 10 and 100



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Summer Textbook C	Unit 11 (7 lessons)	Decimals (2): • Make a whole • Partitioning decimals • Flexible partitioning decimals • Compare decimals • Order decimals • Round to the nearest whole • Halves and quarters as decimals
	Unit 12 (6 lessons)	Money: • Write money using decimals • Convert between pounds and pence • Compare amounts of money • Estimate with money • Calculate with money • Solve problems with money
	Unit 13 (5 lessons)	Time: • Years, months, weeks and days • Hours, minutes and seconds • Convert between analogue and digital times • Convert to the 24-hour clock • Problem solving- converting time
	Unit 14 (8 lessons)	Geometry- angles and 2D shapes: • Identify angles • Compare and order angles • Triangles • Quadrilaterals • Polygons • Reasoning about polygons • Lines of symmetry • Compare a symmetric figure
	Unit 15 (6 lessons)	Statistics: • Interpret charts • Solve problems with charts (1) • Solve problems with charts (2) • Interpret line graphs (1) • Interpret line graphs (2) • Draw line graphs
	Unit 16 (6 lessons)	Geometry- position and direction: • Describe position • Describe position using coordinates • Plot coordinates • Draw 2D shapes on a grid • Translate on a grid • Describe translation on a grid