



Year 4

Maths Overview

Term	Unit	Strand
Autumn Textbook A	Unit 1 (8 lessons)	<p style="text-align: center;">Place Value- 4-digit numbers (1):</p> <ul style="list-style-type: none"> 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)	<p style="text-align: center;">Place Value- 4-digit numbers (2)</p> <ul style="list-style-type: none"> 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)	<p style="text-align: center;">Addition and subtraction</p> <ul style="list-style-type: none"> 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)	<p style="text-align: center;">Measure- area</p> <ul style="list-style-type: none"> 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) <ul style="list-style-type: none">• 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)	<p style="text-align: center;">Multiplication and division (2):</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: center;">Length and perimeter:</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: center;">Fractions (1)</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: center;">Fractions (2):</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: center;">Decimals (1):</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: right;">Decimals (2):</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: right;">Money:</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: right;">Time:</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: right;">Geometry- angles and 2D shapes:</p> <ul style="list-style-type: none"> • Identify angles • Compare and order angles • Triangles • Quadrilaterals • Polygons • Reasoning about polygons • Lines of symmetry • Compare a symmetric figure
	Unit 15 (6 lessons)	<p style="text-align: right;">Statistics:</p> <ul style="list-style-type: none"> • 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)	<p style="text-align: right;">Geometry- position and direction:</p> <ul style="list-style-type: none"> • Describe position • Describe position using coordinates • Plot coordinates • Draw 2D shapes on a grid • Translate on a grid • Describe translation on a grid