



Year 3

Maths Overview

Term	Unit	Strand
Autumn Textbook A	Unit 1 (13 lessons)	Place value within 1000: - Represent and partition numbers to 100 - Number line to 100 100s - Represent numbers to 1000 - Partition numbers to 1000 - Partition numbers to 1000 flexibly 100s, 10s and 1s - Use a number line to 1000 - Estimate on a number line to 1000 - Find 1, 10 or 100 more or less - Compare numbers to 1000 - Order numbers to 1000 - Count in 50s
	Unit 2 (10 lessons)	Addition and subtraction (1) - Use known number bonds - Add/subtract 1s - Add/subtract 10s - Add/subtract 100s - Spot the pattern - Add 1s across 10 - Add 10s across 100 - Subtract 1s across 10 - Subtract 10s across 100 - Make connections
	Unit 3 (13 lessons)	Addition and subtraction (2) - Add two numbers - Subtract two numbers - Add two numbers (across 10) - Add two numbers (across 100) - Subtract two numbers (across 10) - Subtract two numbers (across 100) - Add a 3-digit and a 2-digit number - Subtract a 2-digit number from a 3-digit number - Complements to 100 - Estimate answers - Inverse operations - Problem solving (1) - Problem solving (2)
	Unit 4 (5 lessons)	Multiplication and division (1) - Multiplication (equal groups) - Use arrays - Multiples of 2 - Multiples of 5 and 10 - Share and group



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	Unit 4 (13 lessons)	Multiplication and division (2) • Multiply by 3 • Divide by 3 • The 3 times-table • Multiply by 4 • Divide by 4 • The 4 times-table • Multiply by 8 • Divide by 8 • The 8 times-table • Problem solving- multiplication and division (1) • Problem solving- multiplication and division (2) • Understand divisibility (1) • Understand divisibility (2)
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Spring Textbook B	Unit 6 (13 lessons)	Multiplication and division (3): • Multiples of 10 • Related calculations • Reasoning about multiplication • Multiply a 2-digits number by a 1-digit number- no exchange • Multiply a 2-digits number by a 1-digit number- exchange • Expanded written method • Link multiplication and division • Divide 2-digits by 1-digit- no exchange • Divide 2-digits by 1-digit- flexible partitioning • Divide 2-digits by 1-digit with remainders • How many ways? • Problem solving- mixed problems (1) • Problem solving- mixed problems (2)
	Unit 7 (11 lessons)	Length and perimeter: • Measure in m and cm • Measure in cm and mm • Metres, centimetres and millimetres • Equivalent lengths (m and cm) • Equivalent lengths (mm and cm) • Compare lengths • Add lengths • Subtract lengths • Measure perimeter • Calculate perimeter • Problem solving- length
	Unit 8 (10 lessons)	Fractions (1) • Understand the denominator of unit fractions • Compare and order unit fractions • Understand the numerator of non-unit fractions • Understand the whole • Compare and order non-unit fractions • Divisions on a number line • Count in fractions on a number line • Equivalent fractions as bar models • Equivalent fractions on a number line • Equivalent fractions
	Unit 9 (7 lessons)	Mass: • Use scales • Measure mass • Measure mass in kilograms and grams • Equivalent masses • Compare mass • Add and subtract mass • Problem solving- mass
	Unit 10 (6 lessons)	Capacity: • Measure capacity and volume in litres and millilitres • Measure in litres and millilitres • Equivalent capacities and volumes (litres and millilitres) • Compare capacity and volume • Add and subtract capacity and volume • Problem solve with capacity



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Summer Textbook C	Unit 11 (8 lessons)	Fractions (2): - Add fractions - Subtract fractions - Partitioning the whole - Problem solving- adding and subtracting fractions - Unit fractions of a set of objects - Non-unit fractions of a set of objects - Reasoning with fractions of an amount - Problem solving- fractions of measures
	Unit 12 (5 lessons)	Money: - Pounds and pence - Convert pounds and pence - Add money - Subtract money - Find change
	Unit 13 (12 lessons)	Time: - Roman numerals to 12 - Tell the time to 5 minutes - Tell the time to the minute - Convert past and to the hour - Using am and pm - Years, months and days - Days and hours - Hours and minutes- start and end times - Hours and minutes- durations - Hours and minutes- compare durations - Minutes and seconds - Solve problems with time
	Unit 14 (9 lessons)	Angles and properties of shapes: - Turns and angles - Right angles in shapes - Compare angles - Measure and draw accurately - Horizontal and vertical - Parallel and perpendicular - Recognise and describe 2D shapes - Recognise and describe 3D shapes - Make 3D shapes
	Unit 15 (7 lessons)	Statistics: - Interpret pictograms (1) - Interpret pictograms (2) - Draw pictograms - Interpret bar charts - Draw bar charts - Collect and represent data - Simple two-way table