



St Matthew's Bloxam

Year 4 Maths- Long term plan and skills progression

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value				Number Addition and subtraction			Measurement Area	Number Multiplication and division A			Consolidation
Spring	Number Multiplication and division B			Measurement Length and perimeter		Number Fractions				Number Decimals A		
Summer	Number Decimals B		Measurement Money		Measurement Time		Consolidation	Geometry Shape		Statistics	Geometry Position and direction	

4A	Number – number and place value	1	Place value – 4-digit numbers	1	Represent and partition numbers to 1,000	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4A	Number – number and place value	1	Place value – 4-digit numbers	2	Number line to 1,000	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4A	Number – number and place value	1	Place value – 4-digit numbers	3	Multiples of 1,000	Count in multiples of 6, 7, 9, 25 and 1,000
4A	Number – number and place value	1	Place value – 4-digit numbers	4	4-digit numbers	Identify, represent and estimate numbers using different representations

4A	Number – number and place value	1	Place value – 4-digit numbers	5	Partition 4-digit numbers	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4A	Number – number and place value	1	Place value – 4-digit numbers	6	Partition 4-digit numbers flexibly	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)

4A	Number – number and place value	1	Place value – 4-digit nu	7	1, 10, 100, 1,000 more or less	Find 1,000 more or less than a given number
4A	Number – number and place value	1	Place value – 4-digit nu	8	1,000s, 100s, 10s and 1s	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4A	Number – number and place value	2	Place value – 4-digit nu	1	Number line to 10,000	identify, represent and estimate numbers using different representations
4A	Number – number and place value	2	Place value – 4-digit nu	2	Between two multiples	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4A	Number – number and place value	2	Place value – 4-digit nu	3	Estimate on a number line to 10,000	Order and compare numbers beyond 1,000
4A	Number – number and place value	2	Place value – 4-digit nu	4	Compare and order numbers to 10,000	Order and compare numbers beyond 1,000

4A	Number – number and place value	2	Place value – 4-digit nu	5	Round to the nearest 1,000	Round any number to the nearest 10, 100 or 1,000
4A	Number – number and place value	2	Place value – 4-digit nu	6	Round to the nearest 100	Round any number to the nearest 10, 100 or 1,000

	4A	Number – number and place value	2	Place value – 4-digit nu	7	Round to the nearest 10	Round any number to the nearest 10, 100 or 1,000
	4A	Number – number and place value	2	Place value – 4-digit nu	8	Round to the nearest 1,000, 100 or 10	Round any number to the nearest 10, 100 or 1,000
	4A	Number – addition and subtraction	3	Addition and subtracti	1	Add and subtract 1s, 10s, 100s, 1,000s	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
	4A	Number – addition and subtraction	3	Addition and subtracti	2	Add two 4-digit numbers	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
	4A	Number – addition and subtraction	3	Addition and subtracti	3	Add two 4-digit numbers – one exchange	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

	4A	Number – addition and subtraction	3	Addition and subtracti	4	Add with more than one exchange	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
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4A	Number – addition and subtraction	3	Addition and subtracti	5	Subtract two 4-digit numbers	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4A	Number – addition and subtraction	3	Addition and subtracti	6	Subtract two 4-digit numbers – one exchange	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4A	Number – addition and subtraction	3	Addition and subtracti	7	Subtract two 4-digit numbers – more than one exchange	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4A	Number – addition and subtraction	3	Addition and subtracti	8	Exchange across two columns	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

4A	Number – addition and subtraction	3	Addition and subtracti	9	Efficient methods	estimate and use inverse operations to check answers to a calculation
4A	Number – addition and subtraction	3	Addition and subtracti	10	Equivalent difference	estimate and use inverse operations to check answers to a calculation
4A	Number – addition and subtraction	3	Addition and subtracti	11	Estimate answers	estimate and use inverse operations to check answers to a calculation
4A	Number – addition and subtraction	3	Addition and subtracti	12	Check strategies	estimate and use inverse operations to check answers to a calculation
4A	Number – addition and subtraction	3	Addition and subtracti	13	Problem solving – one step	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
4A	Number – addition and subtraction	3	Addition and subtracti	14	Problem solving – comparison	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
4A	Number – addition and subtraction	3	Addition and subtracti	15	Problem solving – two steps	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

4A	Number – addition and subtraction	3	Addition and subtraction	16	Problem solving – multi-step problems	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
4A	Measurement	4	Measure – area	1	What is area?	Find the area of rectilinear shapes by counting squares
4A	Measurement	4	Measure – area	2	Measure area using squares	Find the area of rectilinear shapes by counting squares
4A	Measurement	4	Measure – area	3	Count squares	Find the area of rectilinear shapes by counting squares
4A	Measurement	4	Measure – area	4	Make shapes	Find the area of rectilinear shapes by counting squares
4A	Measurement	4	Measure – area	5	Compare area	Estimate, compare and calculate different measures, including money in pounds and pence
4A	Number – multiplication and division	5	Multiplication and division	1	Multiples of 3	Recall multiplication and division facts for multiplication tables up to 12×12
4A	Number – multiplication and division	5	Multiplication and division (1)	2	Multiply and divide by 6	Recall multiplication and division facts for multiplication tables up to 12×12

	4A	Number – multiplication and division	5	Multiplication and division (1)	3	6 times-table and division facts	Recall multiplication and division facts for multiplication tables up to 12×12
	4A	Number – multiplication and division	5	Multiplication and division (1)	4	Multiply and divide by 9	Recall multiplication and division facts for multiplication tables up to 12×12
	4A	Number – multiplication and division	5	Multiplication and division (1)	5	9 times-table and division facts	Recall multiplication and division facts for multiplication tables up to 12×12
	4A	Number – multiplication and division	5	Multiplication and division (1)	6	The 3, 6 and 9 times-tables	Recall multiplication and division facts for multiplication tables up to 12×12
	4A	Number – multiplication and division	5	Multiplication and division (1)	7	Multiply and divide by 7	Recall multiplication and division facts for multiplication tables up to 12×12
	4A	Number – multiplication and division	5	Multiplication and division (1)	8	7 times-table and division facts	Recall multiplication and division facts for multiplication tables up to 12×12
	4A	Number – multiplication and division	5	Multiplication and division (1)	9	11 and 12 times-tables and division facts	Recall multiplication and division facts for multiplication tables up to 12×12

	4A	Number – multiplication and division	5	Multiplication and division (1)	10	Multiply by 1 and 0	use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
	4A	Number – multiplication and division	5	Multiplication and division (1)	11	Divide by 1 and itself	use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
	4A	Number – multiplication and division	5	Multiplication and division (1)	12	Multiply three numbers	use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
	4B	Number – multiplication and division	6	Multiplication and division (2)	1	Factor pairs	Recognise and use factor pairs and commutativity in mental calculations
	4B	Number – multiplication and division	6	Multiplication and division (2)	2	Multiply and divide by 10	recall multiplication and division facts for multiplication tables up to 12×12

	4B	Number – multiplication and division	6	Multiplication and division (2)	3	Multiply and divide by 100	recall multiplication and division facts for multiplication tables up to 12×12
	4B	Number – multiplication and division	6	Multiplication and division (2)	4	Related facts – multiplication	recall multiplication and division facts for multiplication tables up to 12×12
	4B	Number – multiplication and division	6	Multiplication and division (2)	5	Related facts – division	recall multiplication and division facts for multiplication tables up to 12×12
	4B	Number – multiplication and division	6	Multiplication and division (2)	6	Multiply and add	solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
	4B	Number – multiplication and division	6	Multiplication and division (2)	7	Informal written methods	multiply two-digit and three-digit numbers by a one-digit number using formal written layout
	4B	Number – multiplication and division	6	Multiplication and division (2)	8	Multiply 2-digits by 1-digit	multiply two-digit and three-digit numbers by a one-digit number using formal written layout

4B	Number – multiplication and division	6	Multiplication and division (2)	9	Multiply 3-digits by 1-digit	multiply two-digit and three-digit numbers by a one-digit number using formal written layout
4B	Number – multiplication and division	6	Multiplication and division (2)	10	Solve multiplication problems	solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
4B	Number – multiplication and division	6	Multiplication and division (2)	11	Basic division	recognise and use factor pairs and commutativity in mental calculations
4B	Number – multiplication and division	6	Multiplication and division (2)	12	Division and remainders	multiply two-digit and three-digit numbers by a one-digit number using formal written layout
4B	Number – multiplication and division	6	Multiplication and division (2)	13	Divide 2-digit numbers	use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
4B	Number – multiplication and division	6	Multiplication and division (2)	14	Divide 3-digit numbers	use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

	4B	Number – multiplication and division	6	Multiplication and division (2)	15	Correspondence problems	recognise and use factor pairs and commutativity in mental calculations
	4B	Number – multiplication and division	6	Multiplication and division (2)	16	Efficient multiplication	solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
	4B	Measurement	7	Length and perimeter	1	Measure in km and m	Convert between different units of measure [for example, kilometre to metre; hour to minute]
	4B	Measurement	7	Length and perimeter	2	Perimeter on a grid	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
	4B	Measurement	7	Length and perimeter	3	Perimeter of a rectangle	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
	4B	Measurement	7	Length and perimeter	4	Perimeter of rectilinear shapes	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
	4B	Measurement	7	Length and perimeter	5	Find missing lengths in rectilinear shapes	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

4B	Measurement	7	Length and perimeter	6	Perimeter of regular polygons	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
4B	Number – fractions	8	Fractions (1)	1	Count beyond 1	Non-statutory guidance: They practise counting using simple fractions and decimals, both forwards and backwards
4B	Number – fractions	8	Fractions (1)	2	Partition a mixed number	Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear number system
4B	Number – fractions	8	Fractions (1)	3	Number lines with mixed numbers	Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear number system
4B	Number – fractions	8	Fractions (1)	4	Compare and order mixed numbers	Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear number system
4B	Number – fractions	8	Fractions (1)	5	Convert mixed numbers to improper fractions	Ready to progress criteria (4F–2): Convert mixed numbers to improper fractions and vice versa
4B	Number – fractions	8	Fractions (1)	6	Convert improper fractions to mixed numbers	Ready to progress criteria (4F–2): Convert mixed numbers to improper fractions and vice versa
4B	Number – fractions	8	Fractions (1)	7	Equivalent fractions	recognise and show, using diagrams, families of common equivalent fractions

4B	Number – fractions	8	Fractions (1)	8	Equivalent fraction families	recognise and show, using diagrams, families of common equivalent fractions
4B	Number – fractions	8	Fractions (1)	9	Simplifying fractions	recognise and show, using diagrams, families of common equivalent fractions
4B	Number – fractions	9	Fractions (2)	1	Add and subtract two or more fractions	add and subtract fractions with the same denominator
4B	Number – fractions	9	Fractions (2)	2	Add fractions and mixed numbers	add and subtract fractions with the same denominator
4B	Number – fractions	9	Fractions (2)	3	Subtract from mixed numbers	add and subtract fractions with the same denominator
4B	Number – fractions	9	Fractions (2)	4	Subtract from whole amounts	add and subtract fractions with the same denominator
4B	Number – fractions	9	Fractions (2)	5	Problem solving – add and subtract fractions (1)	solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
4B	Number – fractions	9	Fractions (2)	6	Problem solving – add and subtract fractions (2)	solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

4B	Number – fractions	9	Fractions (2)	7	Fraction of an amount	Non-stat lesson.
4B	Number – fractions	9	Fractions (2)	8	Problem solving – fraction of an amount	solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	1	Tenths as fractions	recognise and write decimal equivalents of any number of tenths or hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	2	Tenths as decimals	recognise and write decimal equivalents of any number of tenths or hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	3	Tenths on a place value grid	recognise and write decimal equivalents of any number of tenths or hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	4	Tenths on a number line (1)	recognise and write decimal equivalents of any number of tenths or hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	5	Tenths on a number line (2)	recognise and write decimal equivalents of any number of tenths or hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	6	Divide 1-digit by 10	find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	7	Divide 2-digits by 10	find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	8	Hundredths as fractions	recognise and write decimal equivalents of any number of tenths or hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	9	Hundredths as decimals	recognise and write decimal equivalents of any number of tenths or hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	10	Hundredths on a place value grid	recognise and write decimal equivalents of any number of tenths or hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	11	Divide 1 or 2-digits by 100	find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	12	Dividing by 10 and 100	find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	1	Make a whole	recognise and write decimal equivalents of any number of tenths or hundredths
4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	2	Partitioning decimals	recognise and write decimal equivalents of any number of tenths or hundredths

4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	3	Flexible partitioning decimals	recognise and write decimal equivalents of any number of tenths or hundredths
4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	4	Compare decimals	compare numbers with the same number of decimal places up to two decimal places
4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	5	Order decimals	compare numbers with the same number of decimal places up to two decimal places
4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	6	Round to the nearest whole	round decimals with one decimal place to the nearest whole number
4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	7	Halves and quarters as decimals	recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$
4C	Measurement	12	Money	1	Write money using decimals	estimate, compare and calculate different measures, including money in pounds and pence
4C	Measurement	12	Money	2	Convert between pounds and pence	estimate, compare and calculate different measures, including money in pounds and pence
4C	Measurement	12	Money	3	Compare amounts of money	estimate, compare and calculate different measures, including money in pounds and pence
4C	Measurement	12	Money	4	Estimate with money	estimate, compare and calculate different measures, including money in pounds and pence
4C	Measurement	12	Money	5	Calculate with money	estimate, compare and calculate different measures, including money in pounds and pence

	4C	Measurement	12	Money	6	Solve problems with money	estimate, compare and calculate different measures, including money in pounds and pence
	4C	Measurement	13	Time	1	Years, months, weeks and days	Convert between different units of measure [for example, kilometre to metre; hour to minute]
	4C	Measurement	13	Time	2	Hours, minutes and seconds	Convert between different units of measure [for example, kilometre to metre; hour to minute]
	4C	Measurement	13	Time	3	Convert between analogue and digital times	Convert between different units of measure [for example, kilometre to metre; hour to minute]
	4C	Measurement	13	Time	4	Convert to the 24 hour clock	Convert between different units of measure [for example, kilometre to metre; hour to minute]
	4C	Measurement	13	Time	5	Problem solving – converting time	Convert between different units of measure [for example, kilometre to metre; hour to minute]
	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	1	Identify angles	identify acute and obtuse angles and compare and order angles up to two right angles by size

	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	2	Compare and order angles	identify acute and obtuse angles and compare and order angles up to two right angles by size
	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	3	Triangles	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	4	Quadrilaterals	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	5	Polygons	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	6	Reasoning about polygons	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	7	Lines of symmetry	Identify lines of symmetry in 2D shapes presented in different orientations
	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	8	Complete a symmetric figure	complete a simple symmetric figure with respect to a specific line of symmetry

	4C	Statistics	15	Statistics	1	Interpret charts	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
	4C	Statistics	15	Statistics	2	Solve problems with charts (1)	solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.
	4C	Statistics	15	Statistics	3	Solve problems with charts (2)	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
	4C	Statistics	15	Statistics	4	Interpret line graphs (1)	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
	4C	Statistics	15	Statistics	5	Interpret line graphs (2)	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
	4C	Statistics	15	Statistics	6	Draw line graphs	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs

	4C	Geometry – position and direction	16	Geometry – position and direction	1	Describe position	Describe positions on a 2D grid as coordinates in the first quadrant
	4C	Geometry – position and direction	16	Geometry – position and direction	2	Describe position using coordinates	Describe positions on a 2D grid as coordinates in the first quadrant
	4C	Geometry – position and direction	16	Geometry – position and direction	3	Plot coordinates	plot specified points and draw sides to complete a given polygon
	4C	Geometry – position and direction	16	Geometry – position and direction	4	Draw 2D shapes on a grid	plot specified points and draw sides to complete a given polygon
	4C	Geometry – position and direction	16	Geometry – position and direction	5	Translate on a grid	describe movements between positions as translations of a given unit to the left/right and up/down
	4C	Geometry – position and direction	16	Geometry – position and direction	6	Describe translation on a grid	describe movements between positions as translations of a given unit to the left/right and up/down