

## Mathematics Long Term Overview for Year Group: 4

<b>AUTUMN TERM 1</b>		
<b>Wk</b>	<b>BLOCK</b>	<b>SMALL STEPS</b>
1	BLOCK 1: PLACE VALUE	Roman numerals to 100 Round to the nearest 10 Round to the nearest 100
2	BLOCK 1: PLACE VALUE	Count in 1,000s 1,000s, 100s, 10s and 1s Partitioning Number line to 10,000 1,000 more or less
3	BLOCK 1: PLACE VALUE	Compare numbers Order numbers Round to the nearest 1,000
4	BLOCK 1: PLACE VALUE	Count in 25s Negative numbers
5	BLOCK 2: NUMBER-ADDITION AND SUBTRACTION	Add and subtract 1s, 10s, 100s and 1000s Add two 4-digit numbers – no exchange Add two 4-digit numbers – one exchange Add two 4-digit numbers – more than one exchange
6	BLOCK 2: NUMBER-ADDITION AND SUBTRACTION	Subtract two 4-digit numbers – no exchange Subtract two 4-digit numbers – one exchange Subtract two 4-digit numbers – more than one exchange
7	BLOCK 2: NUMBER-ADDITION AND SUBTRACTION	Efficient subtraction Estimate answers Checking strategies

<b>AUTUMN TERM 2</b>		
<b>Wk</b>	<b>BLOCK</b>	<b>SMALL STEPS</b>
1	BLOCK 3: MEASUREMENT- AREA AND PERIMETER	Kilometres Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes
2	BLOCK 4: NUMBER- MULTIPLICATION AND DIVISION	Multiply by 10 Multiply by 100
3	BLOCK 4: NUMBER- MULTIPLICATION AND DIVISION	Divide by 10 Divide by 100 Multiply by 1 and 0 Divide by 1

4	BLOCK 4: NUMBER-MULTIPLICATION AND DIVISION	Multiply and divide by 6 6 times-table and division facts Multiply and divide by 9 9 times-table and division facts Multiply and divide by 7 7 times-table and division facts
5	BLOCK 5: CONSOLIDATION	
6	BLOCK 5: CONSOLIDATION	
7	BLOCK 5: CONSOLIDATION/ASSESSMENT	

<b>SPRING TERM 1</b>		
<b>Wk</b>	<b>BLOCK</b>	<b>SMALL STEPS</b>
1	BLOCK 6: NUMBER – MULTIPLICATION AND DIVISION	Recall and use multiplication and division facts for multiplication tables up to $12 \times 12$ . 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.
2	BLOCK 6: NUMBER – MULTIPLICATION AND DIVISION	Recognise and use factor pairs and commutativity in mental calculations. Multiply two digit and three digit numbers by a one digit number using formal written layout.
3	BLOCK 6: NUMBER – MULTIPLICATION AND DIVISION	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.
4	BLOCK 7: MEASUREMENT-AREA	What is area? Counting squares Making shapes Comparing area
5	BLOCK 8: FRACTIONS	What is a fraction? Equivalent fractions (1) Equivalent fractions (2)
6	BLOCK 8: FRACTIONS	Fractions greater than 1 Count in fractions
7	BLOCK 8: FRACTIONS	Add 2 or more fractions Subtract 2 fractions Subtract from whole amounts

<b>SPRING TERM 2</b>		
<b>Wk</b>	<b>BLOCK</b>	<b>SMALL STEPS</b>
1	BLOCK 8: FRACTIONS	Calculate fractions of a quantity Problem solving – calculate quantities
2	BLOCK 9: DECIMALS	Recognise tenths and hundredths Tenths as decimals
3		Tenths on a place value grid Tenths on a number line
4	BLOCK 9: DECIMALS	Divide 1 digit by 10 Divide 2 digits by 10
5	BLOCK 10: ASSESSMENTS & CONSOLIDATION	

<b>SUMMER TERM 1</b>		
<b>Wk</b>	<b>BLOCK</b>	<b>SMALL STEPS</b>
1	BLOCK 9: DECIMALS	Hundredths Hundredths as decimals
2	BLOCK 11: DECIMALS	Hundredths on a place value grid Divide 1 or 2 digits by 100
3	BLOCK 12: MEASUREMENT-MONEY	Pounds and pence Ordering amounts of money
4	BLOCK 12: MEASUREMENT-MONEY	Using rounding to estimate money Four operations
5	BLOCK 13: TIME	Hours, minutes and seconds Years, months, weeks and days Analogue to digital – 12 hour Analogue to digital – 24 hour
6	BLOCK 14: STATISTICS STATISTICS	Interpret charts Comparison, sum and difference

<b>SUMMER TERM 2</b>		
<b>Wk</b>	<b>BLOCK</b>	<b>SMALL STEPS</b>
1	BLOCK 14: STATISTICS STATISTICS	Introducing line graphs Line graphs
2	BLOCK 15: GEOMETRY-	Identify angles Compare and order angles

	PROPERTIES OF SHAPE	
3	BLOCK 15: GEOMETRY- PROPERTIES OF SHAPE	Triangles Quadrilaterals
4	BLOCK 15: GEOMETRY- PROPERTIES OF SHAPE	Lines of symmetry Complete a symmetric figure
5	BLOCK 16: GEOMETRY – POSITION AND DIRECTION	Describe position Draw on a grid Move on a grid Describe a movement on a grid
6	ASSESSMENTS & CONSOLIDATION	
7	ASSESSMENTS & CONSOLIDATION	