

Year 4 - Maths Overview			
Term	Topic	Objectives	Mental Maths Objectives
Autumn	Number: Place Value Week 1-4	Represent numbers to 1,000 100s, 10s and 1s Number line to 1,000 Round to the nearest 10 Round to the nearest 100 Count in 1,000s 1,000s, 100s, 10s and 1s Partitioning Number line to 10,000 Find 1, 10, 100 more or less 1,000 more or less Compare numbers Order numbers Round to the nearest 1,000 Count in 25s Negative numbers Roman numerals to 100	Find 1000 more/less than a given number. Add and subtract £1, 10p and 1p to amounts of money. Know the 3x and 4x table. Apply and investigate. Know associated division facts. Know by heart, quickly derive number bonds to 100 and £1 Add and subtract any two 2 digit numbers by partitioning or counting on
	Number: Addition and subtraction Week 5-7	Add and subtract 1s, 10s, 100s and 1,000s Add two 3-digit numbers - not crossing 10 or 100 Add two 4-digit numbers – no exchange Add two 3-digit numbers - crossing 10 or 100 Add two 4-digit numbers – one exchange Add two 4-digit numbers – more than one exchange Subtract a 3-digit number from a 3-digit number - no exchange Subtract two 4-digit numbers – no exchange Subtract a 3-digit number from a 3-digit number - exchange	

		<p>Subtract two 4-digit numbers – one exchange</p> <p>Subtract two 4-digit numbers – more than one exchange</p> <p>Efficient subtraction</p> <p>Estimate answers</p> <p>Checking strategies</p>	
	<p>Measurement: Length and perimeter</p> <p>Week 8-9</p>	<p>Equivalent lengths - m and cm</p> <p>Equivalent lengths - mm and cm</p> <p>Kilometres</p> <p>Add lengths</p> <p>Subtract lengths</p> <p>Measure perimeter</p> <p>Perimeter on a grid</p> <p>Perimeter of a rectangle</p> <p>Perimeter of rectilinear shapes</p>	
	<p>Number: Multiplication and Division</p> <p>Week 10 - 12</p>	<p>Multiply by 10</p> <p>Multiply by 100</p> <p>Divide by 10</p> <p>Divide by 100</p> <p>Multiply by 1 and 0</p> <p>Divide by 1 and itself</p> <p>Multiply and divide by 3</p> <p>The 3 times-table</p> <p>Multiply and divide by 6</p> <p>6 times table and division facts</p> <p>Multiply and divide by 9</p> <p>9 times table and division facts</p> <p>Multiply and divide by 7</p> <p>7 times table and division facts</p>	

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Spring	Number: Multiplication and Division Week 1 - 4	11 and 12 times-table Multiply 3 numbers Factor pairs Efficient multiplication Written methods Multiply 2-digits by 1-digit (1) Multiply 2-digits by 1-digit Multiply 3 digits by 1-digit Divide 2-digits by 1-digit (1) Divide 2-digits by 1-digit (1) Divide 2-digits by 1-digit (2) Divide 2-digits by 1-digit (2) Divide 3-digits by 1-digit Correspondence problems	Read and compare and convert between analogue/digital 12/24 hr clocks. Multiply mentally one digit by two digit numbers Count in 6's and 8's Know 6x and 8x tables and relevant division facts Find change from £10, £20 and £50 Count in multiples of 25
	Measurement: Area Week 4	What is area? Counting squares Making shapes Comparing area	
	Number: Fractions Week 5 - 8	Unit and non-unit fractions What is a fraction? Tenths Count in tenths Equivalent fractions (1) Equivalent fractions (2) Equivalent fractions (1) Equivalent fractions (2)	

		Fractions greater than 1 Count in fractions Add fractions Add two or more fractions	
	Number: Decimals Week 9 - 11	Recognise tenths and hundredths Tenths as decimals Tenths on a place value grid Tenths on a number line Divide 1-digit by 10 Divide 2-digits by 10 Hundredths Hundredths as decimals Hundredths on a place value grid Divide 1 or 2-digits by 100	

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Summer	Number: Decimals Week 1 - 2	<ul style="list-style-type: none"> Bonds to 10 and 100 Make a whole Write decimals Compare decimals Order decimals Round decimals Halves and quarters 	<ul style="list-style-type: none"> Begin to double and halve amounts of money (£35.60 doubles = £71.20) Read Roman numerals to 100. Count up/down in hundredths Count in 7s and 9's. Know 6x and 8x tables and relevant division facts Partition 2-digit numbers to multiply by a single –digit number mentally (4 x 24 as 4 x 20 and 4 x 4) Use understanding of place value and number facts in mental multi and division (36 x 5 is half of 36 x 10 and 50 x 60 = 3000 or 245 ÷ 20 is half 245 ÷ 10) Divide multiples of 100 by 1-digit numbers using division facts (3200 ÷ 8= 400)
	Measurement: Money Week 3 - 4	<ul style="list-style-type: none"> Pounds and pence Ordering money Estimating money Convert pounds and pence Add money Subtract money Find change Four operations 	
	Measurement: Time Week 5 - 6	<ul style="list-style-type: none"> Telling the time to 5 minutes Telling the time to the minute Using a.m. and p.m. 24-hour clock 	

		Hours, minutes and seconds Years, months, weeks and days Analogue to digital – 12 hour Analogue to digital – 24 hour	
	Statistics Week 7	Interpret charts Comparison, sum and difference Introducing line graphs Line graphs	
	Geometry: Properties of shape Week 8 - 9	Turns and angles Right angles in shapes Compare angles Identify angles Compare and order angles Recognise and describe 2-D shapes Triangles Quadrilaterals Horizontal and vertical Lines of symmetry Complete a symmetric figure	
	Geometry: Position and direction Week 10 - 12	Describe position Draw on a grid Move on a grid Describe movement on a grid	