Year 3 - Maths Overview			
Term	**Topic**	**Objectives**	**Mental Maths Objectives**
Autumn	Number: Place Value Week 1-3	Represent numbers to 100 Tens and ones using addition Hundreds Represent numbers to 1,000 100s, 10s and 1s (1) 100s, 10s and 1s (2) Number line to 1,000 Find 1, 10, 100 more or less than a given number Compare objects to 1,000 Compare numbers to 1,000 Order numbers Count in 50s	Use place value and number facts to add and subtract numbers Subtract by counting up Learn to count in 3's and 4's and know the 3x and 4x table. Add and subtract any two digit numbers by counting on in 10s and 1s or by using partitioning Perform place value subtractions without a struggle (536-30=506) Know multiples of 10 with a total of 100 Know pairs with each total to 20
	Number: Addition and Subtraction Week 4-5	Add and subtract multiples of 100 Add and subtract 1s Add and subtract 3-digit and 1-digit numbers – not crossing 10 Add a 2-digit and 1-digit number - crossing 10 Add 3-digit and 1-digit numbers – crossing 10 Subtract a 1-digit number from 2-digits - crossing 10 Subtract a 1-digit number from a 3-digit number – crossing 10 Add and subtract 3-digit and 2-digit numbers – not crossing 100 Add 3-digit and 2-digit numbers – crossing 100 Subtract a 2-digit number from a 3-digit number – crossing 100 Add and subtract 100s Spot the pattern – making it explicit	

		Add two 2-digit numbers - crossing 10 - add ones & add tens Subtract a 2-digit number from a 2-digit number - crossing 10	
	Number: Multiplication and Division Week 9 - 12	Multiplication – equal groups Multiplication using the symbol Using arrays 2 times-table 5 times-table Make equal groups - sharing Make equal groups - grouping Divide by 2 Divide by 5 Divide by 10 Multiply by 3 Divide by 3 The 3 times table	

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Spring	Number: Multiplication and Division Week 1 - 3	Consolidate 2, 4 and 8 times tables Comparing statements Related calculations Multiply 2-digits by 1-digit (1) Multiply 2-digits by 1-digit (2) Divide 2-digits by 1 –digit (1) Divide 2-digits by 1 –digit (2) Divide 2-digits by 1 –digit (3) Scaling How many ways	Find 10 or 100 more/less than a given number Count on in 50's from 0 Tell the time to the nearest minute using 12 and 24 hour clocks know the number of days in a month Subtract, when appropriate, by counting back or taking away, using place value and number facts Learn to count in 9's and 8's and begin to learn 9x and 8x table Add and subtract pairs of 'friendly' 3-digit numbers, e.g. 230 + 450
	Measurement: Money Week 4	Count money – pence Count money – pounds Pounds and pence Convert pounds and pence Add money Subtract money Give change	
	Statistics Week 5 - 6	Make tally charts Draw pictograms (2, 5 and 10) Interpret pictograms (2, 5 and 10) Pictograms Bar charts Tables	

	Measurement: Length and Perimeter Week 7 - 9	Measure length Measure length (m) Equivalent lengths - m & cm Equivalent lengths - mm & cm Compare lengths Add lengths Subtract lengths Measure perimeter Calculate perimeter	
	Number: Fractions Week 9 - 11	Make equal parts Count fractions Recognise half Find a half Recognise a quarter Recognise a third Find a third Unit fractions Non-unit fractions Equivalence of ½ and 2/4	

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Summer	Number: Fractions Week 1 - 3	Making the whole Tenths Count in tenths Tenths as decimals Fractions on a number line Fractions of a set of objects (1) Fractions of a set of objects (2) Fractions of a set of objects (3) Equivalent fractions (1) Equivalent fractions (2) Equivalent fractions (3) Compare fractions Order fractions Add fractions Subtract fractions	Recognise fractions that add to 1 (e.g. ¼ + 3/4) Halve even numbers up to 100, halve add numbers to 20. Double numbers up to 50 Partition teen numbers to multiply by a single digit number (3 x 14 as 3 x10 and (3x4) Begin to learn to count in 6's, 7's and 8's Begin to know the 6x, 7x and 8x tables
	Measurement: Time Week 4 - 6	O'clock and half past Quarter past and quarter to Months and years Hours in a day Telling the time to 5 minutes Telling the time to the minute Using a.m. and p.m. 24-hour clock Finding the duration Comparing durations Start and end times Measuring time in seconds	

	Geometry: Properties of shape Week 7 - 8	Turns and angles Right angles in shapes Compare angles Draw accurately Horizontal and vertical Parallel and perpendicular Recognise and describe 2D shapes Recognise and describe 3D shapes Make 3D shapes	
	Measurement: Mass and Capacity Week 9 - 11	Compare mass Measure mass (1) Measure mass (2) Compare mass Add and subtract mass Compare volume Measure capacity (1) Measure capacity (2) Compare capacity Add and subtract capacity Temperature	