

Year 2 Maths Overview			
Term	Topic	Objectives	Mental Maths Objectives
Autumn	Number: Place Value Week 1-3	Counting forwards and backwards within 20 Tens and ones within 20 Counting forwards and backwards within 50 Tens and ones within 50 Compare numbers within 50 Count objects to 100 and read and write numbers in numerals and words Represent numbers to 100 Tens and ones with a part-whole model Tens and ones using addition Use a place value chart Compare objects Compare numbers Order objects and numbers	Add any pair of 2-digit numbers Add and subtract multiples of 10 to any give 2-digit number Say 10 more/less than any number to 100 Add two or three single digit numbers Know all the pairs of numbers to 10, 12 and pairs with total of 20 Count on and back in ones and tens from any given 2-digit number
	Number: Addition and Subtraction Week 4-8	Fact families – addition and subtraction bonds to 20 Check calculations Compare number sentences Related facts Bonds to 100 (tens) Add and subtract 1s 10 more and 10 less Add and subtract 10s Add by making 10 Add a 2-digit and 1-digit number – crossing ten Subtraction - crossing 10 Subtract a 1-digit number from a 2-digit number – crossing ten Add two 2-digit numbers – not crossing ten – add ones and add tens	

		Add two 2-digit numbers – crossing ten – add ones and add tens	
	Measurement: Money Week 9-10	Recognising coins and notes Count money – pence Count money – pounds (notes and coins) Count money – notes and coins Select money Make the same amount Compare money Find the total Find the difference Find change Two-step problems	
	Number: Multiplication and Division Week 11	Make equal groups Add equal groups Make arrays	

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Spring	Number: Multiplication and Division Week 1 - 4	Recognise equal shapes Make equal shapes Add equal shapes Multiplication sentences using the X symbol Multiplication sentences from pictures Use arrays Make doubles 2 times table 5 times table 10 times table Make equal groups – sharing Make equal groups – grouping Divide by 2 Odd and even numbers Divide by 5 Divide by 10	Learn 2x, 5x, and 10x table (looking at lots of) Double numbers up to 20 Using fingers, say where a given number is in the 2s, 5s or 10s count (e.g. 8 is the fourth number when I count in twos) Count in 2s, 5s, and 10s Subtract any pair of 2-digit numbers by counting back in tens and ones or by counting up
	Statistics Week 5-6	Make tally charts Draw pictograms (1-1) Interpret pictograms (1-1) Draw pictograms 2, 5 and 10 Interpret pictograms 2,5,10 Block diagrams	

	<p>Geometry: Properties of Shape Week 7 - 8</p>	<p>Recognise 2D and 3D shapes Count sides on 2D shapes Count vertices on 2D shapes Lines of symmetry Sort 2D shapes Make patterns with 2D shapes Count facers on 3D shapes Count edges on 3D shapes Count vertices on 3D shapes Sort 3D shapes Make patterns with 3D shapes</p>	
	<p>Number: Fractions Week 9 - 12</p>	<p>Make equal parts Recognise half Find a half Recognise a quarter Find a quarter Recognise a third Unit fractions Ni unit fractions Equivalence of $\frac{1}{2}$ and $\frac{2}{4}$ Find three quarters Count in fractions</p>	

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Summer	Measurement: Length and Height Week 1 - 2	Compare lengths and heights Measure lengths (1) Measure lengths (2) Measure length (cm) Measure length (m) Compare lengths Order lengths Four operations with lengths	Begin to double two-digit numbers less than 50 with digits of 1,2,3,4 or 5 Double and begin to halve numbers to 40 and multiples of 10 and 100 Halve/Double numbers to 20 Relate division to grouping (how many groups of five in fifteen) Tell time to five minutes, including quarter past/to Recognise half, $\frac{1}{3}$, $\frac{2}{4}$, $\frac{3}{4}$ of a shape, quantity or object Begin to count in 3's and learn the 3x table.
	Geometry: Position and Direction Week 3 - 4	Describe position (1) Describe position (2) Describe movement Describe turns Describe movement and turns Making patterns with shapes	
	Consolidation and problem solving Week 5 – 6		
	Measurement: Time Week 7 - 8	Telling time to the hour Telling time to the half hour O'clock and half past Quarter past and quarter to Telling time to 5 minutes Writing time	

		Hours and days Find durations of time Compare durations of time	
	Measurement: Mass, Capacity and Temperature Week 9 - 11	Introduce weight and mass Measure mass Compare mass Measure mass in grams Measure mass in kilograms Introduce capacity and volume Measure capacity Compare volume Millilitres Litres Temperature	