

Year 2 Maths Overview			
Term	Topic	Objectives	Mental Maths Objectives
Autumn	Number: Place Value Week 1/2/3	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.
	Measurement: Length and Height Week 4	Compare lengths and heights. Measure lengths (1) Measure lengths (2) Measure length (cm). Measure length (m). Compare lengths. Order lengths. Four operations with lengths.	
	Number: Addition and Subtraction Week 5/6 and 10	Fact families – addition and subtraction bonds to 20. Check calculations. Compare number sentences.	

		<p>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.</p>	
	<p>Geometry: Properties of Shape          Week 7/8/9</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 faces on 3D shapes.          Count edges on 3D shapes.          Count vertices on 3D shapes.          Sort 3D shapes.          Make patterns with 3D shapes.</p>	
	<p>Number: Multiplication and Division          Week 11/12</p>	<p>Make equal groups.          Add equal groups.          Make arrays.</p>	

Year 2 - Maths Overview			
Term	Topic	Objectives	Mental Maths Objectives
Spring	Number: Multiplication and Division Week 1/2	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 3/4	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>Number: Fractions Week 5/6/7</p>	<p>Make equal parts. Recognise half. Find a half. Recognise a quarter. Find a quarter. Recognise a third. Unit fractions. Non unit fractions. Equivalence of <math>\frac{1}{2}</math> and <math>\frac{2}{4}</math>. Find three quarters. Count in fractions.</p>	
	<p>Measurement: Money Week 8/9</p>	<p>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.</p>	
	<p>Number: Addition and Subtraction Week 10/11</p>	<p>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.</p>	

		<p>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.</p>	
	<p>Consolidation Week 12</p>		

Year 2 - Maths Overview			
Term	Topic	Objectives	Mental Maths Objectives
Summer	Geometry: Position and Direction Week 1/2/3	Describe position (1) Describe position (2) Describe movement. Describe turns. Describe movement and turns. Making patterns with shapes.	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.
	Problem Solving using Efficient Methods Week 4/5		
	Measurement: Time Week 6/7	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	Introduce weight and mass. Measure mass.	

	Week 8/9/10	Compare mass. Measure mass in grams. Measure mass in kilograms. Introduce capacity and volume. Measure capacity. Compare volume. Millilitres. Litres. Temperature.	
	Investigations Week 11/12		