

Year 2

Maths Coverage 2023 - 2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
Autumn 1	<p><u>Place value</u></p> <ul style="list-style-type: none"> Representing numbers to 100 using resources and in different ways (including with money) Begin using the positional and multiplicative language to understand the value of the whole number Multiplying and dividing by 10 Partitioning numbers into tens and ones with numbers up to 100 (including with money, length and mass) Comparing numbers up to 100 (including with money, length and mass) Ordering numbers up to 100 (including with money, length, capacity and volume) 							
Autumn 2	<p><u>Addition and subtraction</u></p> <ul style="list-style-type: none"> Addition - add together (including with money) (aggregation) acting out simple scenarios of the two structures. Numbers to 100 Addition - add more (including with money and length) (augmentation - 6 apples and given 4 more. How many now?) Numbers to 100 Subtraction - take away Numbers to 100 Subtraction - difference Numbers to 100 Fact families - commutative and inverse Distributive - sequencing e.g. $34 + 14 = 34 + 10 + 3$ Associative properties - adding 3 single-digit numbers Compensation property - $24 + 19 = 24 + 20 + 1$ <p>MENTAL STRATEGIES</p> <ul style="list-style-type: none"> Number pairs for all numbers to 10 Counting on and back Doubles and near doubles Adding and subtracting and adjusting Using patterns of similar calculations Bridging through 10 Sequencing 							
Spring 1	<p>MULTIPLICATION AND DIVISION</p> <ul style="list-style-type: none"> Arrays - fact families Multiplying by 2, 5, 10 using times table facts Grouping and sharing with 2-digit arrays Solving problems involving scaling up and down - doubling and halving Applying commutative property <p>MENTAL STRATEGIES</p> <ul style="list-style-type: none"> know multiplication and division facts for 2, 5 and 10 					<p><u>Statistics</u></p> <p>Interpret and construct pictograms, tally charts, block diagrams and tables.</p>		

			Ask and answer questions	
Spring 2	<p><u>Fractions</u></p> <ul style="list-style-type: none"> ▪ Identify parts and wholes - non-fractional ▪ Identify parts and wholes - fractional ▪ Addition and subtraction of fractions (pictorial based) ▪ Exploration of 1 as a whole ▪ Halves ▪ Quarters ▪ Thirds ▪ Explore unit and non-unit fractions of an amount ▪ Fractions of shapes ▪ Sharing 		Consolidation	
Summer 1	<p><u>Shape, position and direction</u></p> <p>SHAPE</p> <ul style="list-style-type: none"> ▪ Recognising, naming, making and sorting, 3D shapes (Sphere, hemisphere, cone, cylinder, cube, cuboid, triangular prism, pyramid, pentagonal and hexagonal prisms) ▪ Recognising, naming, making and sorting 2D shapes as we look at 3D shapes (circle, triangles, quadrilaterals (squares, oblongs, rectangles), pentagons, hexagons) ▪ Include symmetry when describing properties of 2D shapes <p>POSITION AND DIRECTION</p> <ul style="list-style-type: none"> ▪ Ordering and arranging combinations in patterns and sequences ▪ Movement in a straight line (translation introduction) ▪ Distinction of rotation as a turn - introduction to clockwise and anticlockwise ▪ Link to pattern and shapes ▪ Link to ordinal numbers - what will the tenth shape be? 	<p><u>Mass, capacity and temperature</u></p> <p>WEIGHT AND MASS</p> <ul style="list-style-type: none"> ▪ Covered during PV and Addition and subtraction ▪ Time to cover in more depth ▪ Problem solving with weight and mass - what could my square and triangles be worth? ▪ Explore conversion - 1kg = 1000g. What would two kilograms be in grams? <p>CAPACITY AND VOLUME</p> <ul style="list-style-type: none"> ▪ Covered during PV and Addition and subtraction ▪ Time to cover in more depth ▪ Problem solving with capacity and volume - potions. 	<p><u>Money</u></p> <ul style="list-style-type: none"> ▪ Comparison of money to be covered in place value ▪ Combine amounts to make a value to be covered in addition and subtraction ▪ Find different combinations of coins that equal the same amounts of money to be covered in place value ▪ Recognise and use symbols 	

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			for pounds and pence <ul style="list-style-type: none">▪ Solve problems including giving change	
Summer 2	<u>Time</u> <ul style="list-style-type: none">▪ Time problems covered in addition and subtraction▪ Telling the time to be covered here▪ Link to digital time	Consolidation and pre-teaching for Year 3		