Yr 2 Autumn Term

Place Value to 100 (4 weeks)	Addition and Subtraction (5 weeks)	Money (3 weeks)	Shape (3 weeks)
R Numbers to 50	R Recall and use addition and subtraction bonds to 20 fluently.	R Recognising coins and notes	R Recognise 2-D and 3D shapes
R Counting objects to 100 by making 10s	R Understand fact families.	R 100p = £1	Count sides on 2-D shapes
R Recognise tens and ones	Check calculations using the inverse.	Count money (pence)	Count the vertices on 2D shapes
R Represent numbers to 100 using equipment and pictorials.	Solve missing box and missing symbol calculations (within 20)	Can find coins that make a particular amount, e.g. which coins could you use to make 20p?	Make and draw 2D shapes
Count objects to 100 and read and write numbers in numerals and words	Compare number sentences (working within 20)		Identify vertical lines of symmetry in 2D shapes.
Partition numbers to 100 using equipment	Related facts		Lines of symmetry-draw the whole
Partition tens and ones using a whole, part model	Bonds to 100 (tens)	Count money (pounds - notes and coins)	Sort 2D shapes (Venn and Carroll diagrams)
Partition tens and ones using a place value grid.	Add and subtract a 2-digit number and 1s mentally.	Count money (pounds and pence, £3 and 24p)	Quadrilaterals and polygons
Tens and ones using addition. Write numbers to 100 in expanded form	10 more and 10 less	Select money	Make patterns with 2D shapes. AB, ABBA, ABBC etc. What will the 10th shape be?
Flexibly partition numbers to 100	Add and subtract multiples of 10	Make the same amount in different ways	Count faces on 3-D shapes
Compare objects and representations using comparison symbols (>, <, =) and greater than, more than, less than, fewer than, equals to.	R Add by making 10	Compare money	Count edges on 3D shapes
Compare 2-digit numbers using the <, > and = signs.	Add two 2-digit numbers using partitioning.	Find the total	Count vertices on 3-D shapes
Order objects and numbers in different ways.	Add two 2-digit numbers using a number line. (not crossing 10, before crossing 10)	Find the difference	Sort 3D shapes, including everyday items.(Venn and Carroll diagrams)
Position 2-digit numbers on a marked number line.	R subtraction crossing 10	Find change	Make patterns with 3D shapes
Position numbers on an unstructured number line. Reason about where they have placed them.	Subtract a 1-digit number from a 2-digit number - crossing ten	Reason and problem solve about money.	Describe the properties of 3D shapes, including number of faces, edges and vertices.
R Count in 2s, 5s and 10s	Subtract a 2-digit number from a 2-digit number - not crossing ten, then crossing 10 (number line)		Identify 2D shapes on the surface of a 3D shape.
Count in 3s	Solve simple 1 step word problems involving 2-digit numbers		Solve reasoning questions about 2D and 3D shapes,
Use equipment to demonstrate your understanding of place value when solving problems.	Bonds to 100 (5s)		
	Bonds to 100 (10s and 1s)		
	Adding 3 single-digit numbers Number bonds, doubles and near doubles		

Yr 2 Spring Term

Multiplication and Division (4 - 5 weeks)	Fractions (3-4 weeks)	Time (2 weeks)	Consolidation (TAF) WTS and EXS
R Recognise equal groups	R Recognise a ½	R O'clock and half past	EXS:
Make equal groups	Find a half of an object or shape	Tell the time to quarter past	Partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus
Add equal groups, repeated addition.	Find half of an amount (relate to dividing by 2)	Tell the time to quarter to	Add and subtract any 2 two-digit numbers using an efficient strategy, explaining their method verbally, in pictures or using apparatus (e.g. 48 + 35; 72 – 17)
Write multiplication sentences using the X symbol	Recognise a quarter	Tell the time to 5-minute intervals	
Use the multiplication symbol and find the total from the image	Find a quarter of a shape	Understands hours and days	Recall all number bonds to and within 10 and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationships
Make and use arrays	Find a quarter of an amount (half and half again)	Find durations of time	
Learn the 2 times tables and relate to doubling.	Find a third of a shape.	Compare durations of time	Recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems, demonstrating an understanding of commutativity as necessary
Double numbers to 50	Find a third of an amount	Answer simple word problems involving time. Example: One airplane lands every minute. How many planes land in an hour?	
Recall 5 times table facts	Understand unit fractions		Identify ¼, 1/3, ½, 2/4, 3/4, of a number or shape, and know that all parts must be equal parts of the whole
Recall 10 Times table facts	Understand non-unit fractions		Use different coins to make the same amount
Divide: Make equal groups by sharing	Understand the equivalence of 1/2 and 2/4		Read the time on a clock to the nearest 15 minutes
Divide: make equal groups by grouping	Find three quarters of an amount		Name and describe properties of 2-D and 3-D shapes, including number of sides, vertices, edges, faces and lines of symmetry.
Divide by 2 and relate to halving.	Count in fractions		
Odd and Even numbers	Solve simple word problems involving fractions.		
Half even numbers to 20 and multiples of 10 to 100.			
Divide by 5 and recall division facts.			
Divide by 10 and recall division facts			
Create multiplication and division fact families			
Solve simple multiplication and division word problems			

Yr 2 Summer Term

Length and height	Mass, Capacity, Temperature	Position and direction	Statistics	Consolidation and TAF (EXS & GD)
R Compares lengths and heights using comparison language and symbols	R Introduce weight and mass	Describe position and directions using directional language, 'left', 'right', 'forwards', 'backwards', 'top', 'bottom', 'between', 'above' and 'below'.	Make tally charts by generating data in everyday situations, e.g. dinner or packed lunch?	EXS: read scales* in divisions of ones, twos, fives and tens
Measure and records lengths using a ruler (cm)	Can compare mass using comparison language.		Draw pictograms 1:1	GD:
Measure and records lengths using a metre stick or tape measure.	Measure mass in grams	Describe movement (up, down, left, right, forwards, backwards)	Interpret and answer retrieval questions from pictograms 1:1	Read scales* where not all numbers on the scale are given and estimate points in between
Compare lengths and heights measurements. Example: 3m > 75cm	Measure mass in Kg	Describe turns (full turn, half turn, quarter turn, three quarter turn, right angles, clockwise, anti clockwise)	Draw pictograms (2, 5 and 10)	Recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts
Order lengths	Measure and compare mass using comparison symbols		Interpret pictograms (2, 5 and 10)	Use reasoning about numbers and relationships to solve more complex problems and explain their thinking (e.g. 29 + 17 = 15 + 4 + ; 'together Jack and Sam have £14. Jack has £2 more than Sam. How much money does Sam have?' etc.)
Solve simple one step problems relating to length (four operations)	R Introduce capacity and volume.	Describe and record movement and turns	Present data in block diagrams 1:1 and using a scale of 2, 5 or 10	
	Compare volumes	Describe and create patterns that involve direction and turns	Reason and problem solve about data.	Solve unfamiliar word problems that involve more than one step (e.g. 'which has the most biscuits, 4 packets of biscuits with 5 in each packet or 3 packets of biscuits with 10 in each packet?')
	Measure in mililitres		Find the total of two categories on a pictogram, tally, block diagram and simple table. Which is the most popular chocolate bar when a full chocolate bar represents 2 people on a pictogram? How many more children had school dinners than packed lunch?	Read the time on a clock to the nearest 5 minutes
	Measure in litres			Describe similarities and differences of 2-D and 3-D shapes, using their properties (e.g. that two different 2-D shapes both have only one line of symmetry; that a cube and a cuboid have the same number of edges, faces and vertices, but different dimensions).
	Introduce temperature, thermometers and the units 'degrees centigrade'			
	Read simple scales where some numbers are missing. Apply counting in 2s, 5s and 10s.			
	Solve simple reasoning and problem solving questions.			