Mathematics
Year 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1 End of KS1 Assessments	Summer 2
Mathematics	**Place value** Focus on place value in numbers 0–100 and different ways of representing, comparing and ordering these.	**Addition and subtraction** Focus on adding and subtracting smaller 2-digit numbers to and from larger ones.	**Place value** Focus on understanding place value in numbers to 100 and beginning to use this to add and subtract 2-digit numbers.	**Fractions** Focus on doubling and halving, including odd numbers, leading to counting in halves and mixed numbers; unit and non-unit fractions modelled using a variety of images.	**Place value** Focus on securing a robust understanding of place value, including adding and subtracting 2-digit numbers by counting on/back in 10s and 1s.	**Addition and subtraction; money** Focus on mental addition and subtraction strategies, using number facts and place value; and on using £.p notation and solving money problems.
	Addition and subtraction Focus on learning and using addition and subtraction number facts, including bonds to 10, in simple and harder calculations	**Position and direction; length** Focus on understanding the vocabulary associated with position and movement and then comparing and measuring lengths using cm and m.	**Number facts; addition and subtraction** Focus on revising, then using, bonds to 10 in addition (counting on, bridging 10), and subtraction (finding a difference, extending to calculating change).	**Multiplication and division** Focus on 'clever counting' on the number line, and introduces the × sign for multiplication.	**Addition and subtraction** Focus on using number facts to solve additions and subtractions, including adding several numbers and counting up using complements to the next multiple of 10 to find a difference.	**Multiplication and division** Focus on relating multiplication and division to 'clever counting' (steps of 2, 3, 5, 10), understanding multiplication as arrays, and solving divisions as missing number problems.
	2D shapes Focus on identifying and classifying 2D shapes, using a variety of sorting devices.	**Addition and subtraction** Focus on adding, subtracting, doubling and halving 2-digit numbers, using an understanding of place value.	**3D shapes; time** Focus on identifying 3D shapes and their properties, including naming 2D faces; and then rehearsing telling the time on analogue and digital clocks.	**Time; data** Focus on telling the time to further develops children's understanding of the units of time; time is used as the context for data to be represented on pictograms and block graphs.	**Addition and subtraction** Focus on using number facts to solve additions and subtractions, including adding several numbers and counting up using complements to the next multiple of 10 to find a difference.	**Length; time** Focus on estimating and measuring lengths in cm and on telling the time to 5 minutes.

	Place value; ordinal numbers	Using money in calculations	Place value	Multiplication and division	Measures; statistics and data	Addition and subtraction; multiplication and division
	Focus on developing a good understanding of place value, comparing and ordering numbers to 100, including ordinal numbers.	Focus on counting in uniform steps, using coins to create sequences and find totals.	Focus on extending understanding of place value to include landmarked lines and estimation.	Focus on 'clever counting' using arrays as well as number lines, division is introduced as the inverse of multiplication.	Focus on using non-standard and standard units to measure and compare weights and capacities; and on using this context to revise the use of block graphs.	Focus on adding by partitioning; finding differences; and on multiplying and dividing by counting in steps.
				Money and money calculations Focus on rehearsing coin and note values, and on writing amounts of money; money is used as the context for adding and finding totals.	**Multiplication, division and fractions** Focus on doubling and halving as inverse operations, and relates division to fractions, including finding halves, quarters and thirds of amounts.	**Place value** Focus on revising place value in 2-digit numbers, and extending to place value in 3-digit numbers.