Mathematics Overview- Year 1

	Number and Place Value, approximation and estimation/rounding	Addition, Subtraction, Multiplication & Division (Calculation)	Fractions, Decimals and Percentages	Measurement	Geometry – Properties of Shape & Position and Direction

1	• Count forwards from 0 or 1 to 50
	• Count backwards from 50 to 0 or 1
	• Recognise which number is one more for numbers 0 or 1 to 50
	• Recognise which number is one less for numbers 1 or 2 to 50
	• Represent quantities from 0 or 1 to 50
		• Know number pairs/bonds that total 10
		• Know number pairs/bonds within 10 (e.g. Bonds to 5, 6, 7, 8 and 9)
		• Represent and use number pairs/bonds and related subtraction facts within 10
		• Mentally double numbers to 5 (e.g. 5+5=10)
			• Recognise, find and name a half as one of two equal parts of an object, shape or quantity	• Compare, describe and solve practical problems for:
				  ➢ Lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half)
				  ➢ Mass/weight (e.g. heavy/light, heavier than/lighter than)
				  ➢ Capacity and volume (e.g. full/empty, more than, less than, half, half full, quarter)
				  ➢ Time (e.g. quicker, slower, earlier, later)
					• Describe positions (e.g. behind, on top of)

2	• Count forwards to 100 from 0 or 1
	• Count backwards from 100 to 0 or 1
	• Count forwards from numbers above 100
	• Count backwards from numbers above 100
	• Count forwards from any given number
	• Count backwards from any given number
		• Know number pairs/bonds that total 20
		• Know number pairs/bonds within 20 (e.g. Bonds to 11, 12, 13, 14, 15)
		• Represent and use number bonds and related subtraction facts within 20
			• Recognise, find and name a quarter as one of four equal parts of an object	• Measure and begin to record:
				  ➢ Lengths and heights
				  ➢ Mass/weight
				  ➢ Capacity and volume
				  ➢ Time (hours, minutes, seconds)
					• Recognise and name common 2D shapes (e.g. rectangles (including squares), circles and triangles)
					• Know the terms:
					  ➢ Forwards
					  ➢ Backwards
					  ➢ Half turn

3	• Count numbers to 100 in numerals • Read numbers to 100 in numerals • Write numbers to 100 in numerals	• Add one-digit and two-digit numbers to 20, including zero • Subtract one-digit and two-digit numbers to 20, including zero	• Recognise, find and name a quarter as one of four equal parts of a shape	• Recognise and know the value of different denominations of coins and notes	• Begin to recognise quarter and three-quarter turns

4	• Count in multiples of two to 20
	• Count in multiples of five to 50
	• Count in multiples of ten to 100
		• Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs	• Begin to recognise, find and name a quarter as one of four equal parts of a quantity	• Tell the time:
				  ➢ To the hour and draw the hands on a clock face to show these times
				  ➢ To half past the hour and draw the hands on a clock face to show these times
					• To recognise quarter and three-quarter turns

5	• Write numbers from 1 to 20 in words • Identify one more than any given number up to 100 • Identify one less than any given number between 1 and 100	• Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems e.g. as 7 = □ - 9 • Mentally double numbers to 10 (e.g. 10+10=20)	• To recognise, find and name a quarter as one of four equal parts of a quantity	• Sequence events in chronological order using language (e.g. before and after, next, first, today, yesterday, morning, afternoon and evening)	Recognise and name common 3D shapes (e.g. cuboids (including cubes), pyramids and spheres)
6	• Identify and represent numbers using objects to 100 • Identify and represent numbers	• Solve one-step problems involving multiplication and division, by calculating the answer using	• Recognise, find and name a	• Recognise and use language relating to dates, including: ➢ Days of the week	• Describe position, directions and movement, including half, quarter and three-quarter turns

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	using pictorial representations to 100 • Identify and represent numbers using a number line to 100 • Use the language of: equal to, more than, less than (fewer), most, least	concrete objects, pictorial representations and arrays with the support of the teacher	quarter as one of four equal parts of an object, shape or quantity	➢ Weeks, ➢ Months ➢ Years	