





	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1	Place Value Counting, reading, writing numbers to 10 Order and compare numbers to 10 One more and one less to 10 Ordinal numbers Position and Direction Use the language of position and direction.	Place Value Partition numbers to 10 Addition and subtraction Addition and subtraction facts within 10 Reading and writing equations Addition and subtraction of one- digit numbers Commutative law Inverse within 10 Geometry Recognise and name common 2-D	Place Value Counting, reading, writing numbers to 20 Order and compare numbers to 20 One more and one less to 20 Use of <> and =. Measures Compare, describe and solve practical problems for lengths/heights/weights/capacity Measure and begin to record lengths and heights, mass/weight, capacity and volume	NumberNumber bonds within 20Add and subtract to 20One-step problems that involveaddition and subtractionMoneyRecognise value of different coinsand notesFractionsHalf and quarter	Place Value Odd and even numbers Multiplication and Division Counting in steps of 2, 5 and 10 One-step problems - multiplication and division Time Sequence events Days of the week and months of the year. Time – o'clock and half past Geometry Recognise and name 3-D shapes Making 2D and 3D shapes	Place Value Counting within 100 Read and write numbers to 100 Numbers to 20 in words Place Value – partitioning of two digit numbers Position and Direction Whole, half, quarter and three quarter turns. Time Practical problems for time Measure and begin to record time







	Place Value	Multiplication and Division	Multiplication and Division	Number	Statistics	Number
Year 2	Place Value Read, write, compare and order numbers to at least 100 Use <, > and = signs Partitioning two digit numbers Mental calculations Addition and subtraction facts within 10 Add and subtract across 10. Commutative law Add and subtract numbers using concrete objects, pictorial representations, and mentally, Doubles and halves to 20 Geometry Name common 2D and 3D Describe their properties	Multiplication and DivisionCount in steps of 2, 3 and 5Multiplication and division factsfor the 2, 5 and 10 multiplicationtablesOdd and even numbers.Addition and subtractionAddition and subtraction facts to20Solve problems with addition andsubtractionAdd and subtract a one-digitnumber within 100Add and subtract ones or tensto/from a two-digit number.Solve problems with addition andsubtraction	Multiplication and Division Repeated addition Grouping Commutative law Solve problems Fractions 1/3, ¼, 2/4 and ¾ of a length, shape, set of objects or quantity Write simple fractions Recognise the equivalence of 2/4 and 1/2 Time Sequence intervals of time. Quarter past/to the hour Number of minutes in an hour and the number of hours in a day	NumberCount in tens from any numberRead and write numbers to atleast 100 in wordsAdd and subtract any two-digitnumbers.Subtraction as differenceInverse for checking and missingnumbersEstimating numbersSolve problems with addition andsubtractionPatterns and sequencesOrder and arrange combinationsof mathematical objects inpatterns and sequences	Statistics Pictograms, tally charts, block diagrams and simple tables Ask and answer simple questions Ask and answer questions about totalling and comparing Measures Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) Compare and order lengths, mass, volume/capacity Read scales	NumberAddition and subtraction facts to20 fluently, and derive and userelated facts up to 100Solve problems with addition andsubtraction involving numbers,quantities and measuresGeometryPrecise language to describe theproperties of 2D and 3D shapes,Compare shapes.Position and DirectionDescribe position, direction andmovement, including movementin a straight lineDescribe rotation as a turn
	Describe their properties	/	Number Addition and subtraction facts to 20 fluently, and derive and use related facts up to 100			







	Recall and use multiplication and	Recall and use multiplication and	Multiplication and division	Multiplication and division	Multiplication and division	Number
	division facts for the 2, 5 and 10	division facts for the 3	Count from 0 in multiples of 4, 8,	Recall multiplication facts and	Calculate mathematical	Related addition and
	multiplication tables.	multiplication tables.	50 and 100	corresponding division facts in the	statements for multiplication and	multiplication facts using place
ŝ			Recall and use multiplication and	10, 5, 2, 4 and 8 multiplication	division including for two-digit	value
Year	Place Value	Addition and subtraction	division facts for the 3 and 4	tables, and recognise products in	numbers times one-digit	Divide 100 into 2,4,5 and 10 equal
Ϋ́ε	Read and write numbers to at	Number bonds to 100.	multiplication tables.	these multiplication tables as	numbers, using formal written	parts, and read scales/numbers
	least 1000 in numerals and words.	Written methods for addition and	Mental methods for	multiples of the corresponding	methods	lines marked in multiples of 100
	Partitioning of three digit	subtraction	multiplication and division	number.		with 2, 4, 5 and 10 equal parts.
	numbers	Inverse	Solve problems		Time	
	Find 10 or 100 more or less	Commutative property		Fractions and decimals	Tell and write the time from an	Geometry
	Compare and order numbers up	Estimation of answers and inverse	Fractions (revision)	Count up and down in tenths	analogue clock	Draw polygons
	to 1000	operations to check	Recap on Fractions from Year 2 –	Interpret and write proper	Tell and write the time from a 12	Identify parallel and
	Solve number problems and	Solve problems, including missing		fractions to represent 1 or several	hour and 24-hour clock.	perpendicular sides.
	practical problems involving these	number problems	Measures	parts of a whole	Use Roman numerals from I to XII,	Make 3-D shapes using modelling
	ideas	Add and subtract amounts of	Measure, compare, add and	Find unit fractions of quantities	Estimate and read time with	materials.
		money	subtract lengths (m/cm/mm);	Ordering fractions	increasing accuracy to the nearest	Recognise 3-D shapes in different
	Mental addition and subtraction	Give change	mass (kg/g); volume/capacity	Equivalent fractions	minute.	orientations
	Addition and subtraction facts		(l/ml)	Add and subtract fractions with	Vocabulary of time	
	that bridge 10	Geometry	Perimeter of simple 2-D shapes	the same denominator, within 1.	Seconds in a minute and the	
	Add and subtract numbers	Identify right angles		Solve fraction problems	number of days in each month,	
	mentally, including: a three-digit	Identify angles greater than or			year and leap year	
	number and ones, a three-digit	less than a right angle			Compare durations of events	
	number and tens, a three-digit	Recognise angles as turns				
	number and hundreds.					
	Statistics					
	Interpret and present data in bar					
	charts, pictograms and tables					
	Solve one-step and two-step					
	questions					







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	Recall and use multiplication and	Recall and use multiplication and	Recall and use multiplication and	Recall and use multiplication and	Recall multiplication and division	Understand and apply the
	division facts for the 2, 3, 4, 5, 8	division facts for the 6 and 9	division facts for the 7 and 11	division facts for the 12	facts up to 12 x 12, and recognise	distributive property of
	and 10 multiplication tables.	multiplication tables.	multiplication tables.	multiplication table	products in multiplication tables	multiplication.
					as multiples of a corresponding	
4	Place Value	Multiplication and division	Multiplication and division	Decimals	number.	Number
ar	Partitioning four digit numbers	(mental)	Multiply and divide whole	Count up and down in		Read Roman numerals to 100
Year	Compare and order numbers	Count in multiples of 6, 7, 9, 25	numbers by 10 and 100	hundredths.	Fractions and decimals	Count backwards through zero to
	Find 1000 more or less	and 1000	Multiplication using formal	Recognise and write decimal	Equivalent fractions	include negative numbers
	Rounding	Multiply and divide mentally,	written layout	equivalents	Solve problems involving fractions	
	Roman Numerals	including: multiplying by 0 and 1;		Divide a one- or two-digit number	Add and subtract fractions with	Statistics
	Solve problems.	dividing by 1; multiplying together	Geometry	by 10 and 100	the same denominator	Bar charts and time graphs.
		three numbers	Identify regular and irregular	Recognise and write decimal	Add and subtract improper and	Solve comparison, sum and
	Addition and subtraction	Commutative property of	polygons, including equilateral	equivalents to ¼, ½ and ¾	mixed fractions with the same	difference problems
	Column addition and subtraction	multiplication.	triangles and squares,	Round decimals with one decimal	denominator	
	Estimate and use inverse	Solve division problems that	Perimeter of regular and irregular	place to	Reason about the location of	
	operations to check answers to a	involve remainders, and interpret	polygons.	the nearest whole number	mixed numbers in the linear	
	calculation	remainders appropriately	Area of rectilinear shapes	Compare numbers with the same	number system.	
		according to the context.	Identify acute and obtuse angles	number of decimal places up to	Convert mixed numbers to	
	Measures (length and capacity)		Compare and order angles	two decimal places	improper fractions and vice versa.	
	Convert between different units	Time	Symmetry	Solve simple measure and money	Solve simple measure and money	
	of measure for length and	Read, write and convert time	Coordinates	problems involving decimals to	problems involving fractions and	
	capacity.	between analogue and digital 12-	Translation	two decimal places	decimals to two decimal places	
	Estimate, compare and calculate	and 24-hour clocks				
	different measures.	Solve problems		Addition and subtraction		
				Solve addition and subtraction		
				two-step problems		
				Measures (weight)		
				Convert between different units		
				of measure for weight		
				Estimate, compare and calculate		
				different measures		



Year 5





Place Value	Multiplication and division	Number	Decimals	Four operations	Number
Read, write, order and compare	Multiplication tables and	Read Roman numerals to 1000	Equivalence of decimals	Multiplication by a one or two-	Related addition and
numbers to at least 1 000 000	corresponding division facts	(M) and recognise years written in	Place value of decimals	digit number using a Formal	multiplication facts using place
Count forwards or backwards in	Multiply and divide numbers	Roman numerals	Compare and order decimals	written method.	value including decimals
steps of powers of 10	mentally		Rounding decimals	Solve problems involving all four	Four operations to solve problems
Negative numbers	Multiply and divide numbers by	Fractions	Solve problems	operations	involving measure e.g. length,
Round to the nearest 10, 100,	10 and 100	Fractions of quantities.	Read and write decimal numbers		mass, volume, money using
1000, 10 000 and 100 000	Factors and multiples	Equivalent fractions	as fractions	Position and direction	decimal notation, including
Solve number problems	Common factors and common	Compare and order fractions	Decimal fraction equivalents	Coordinates	scaling
	multiples	Mixed numbers and improper	Introduction of percentage	Reflection	
Addition and subtraction	Prime numbers	fractions	Percentages as fraction and	Translation	Geometry
Formal written methods	Squared numbers and cubed	Add and subtract fractions	decimals		Properties of rectangles
Add and subtract numbers	numbers	Multiply proper fractions and		Time	Regular and irregular polygons
mentally	Solve problems involving	mixed numbers by whole	Measures	Solve problems involving	Identify 3-D shapes, including
Rounding to check answers to	multiplication and division	numbers	Perimeter of composite rectilinear	converting between units of time	cubes and other cuboids, from
calculations	Multiplication using a formal		shapes		2D representations
Addition and subtraction multi-	method.	Measures	Area.		
step problems.	Division using a formal written	Convert between different units			Measures
	method, and interpret remainders	of metric measure.			Estimate volume
Statistics		Equivalences between metric			
Comparison, sum and difference	Geometry	units and common imperial units			
problems	Compare, estimate and measure	such as inches, pounds and pints			
Complete, read and interpret	angles				
information in tables, including	Draw angles of given sizes.				
timetables.	Angles on a straight line or round				
	a point.				







	Place Value	Fractions	Number	Ratio and proportion	Any remaining time before SATs	POST SATS
	Value of digits in whole numbers	Simplifying fractions	Multiply decimal number by a	Solve problem finding missing	will be used to consolidate key	
	and decimals	Compare fractions	whole number	values using ratios	learning.	Maths projects
	Order, compare and round whole	Add and subtract fractions	Divide with the answer as a	Solve problems involving the		Preparation for KS3
	numbers and decimals to 3	Multiply fractions	decimal	calculation of percentages		
	decimal places.	Divide a fraction by a whole	Solve problems which require	Scale factors		
	Use negative numbers in context	number	answers to be rounded to	Solve problems involving unequal		
	Solve number and practical	Calculate decimal equivalent	specified degrees of accuracy	sharing and grouping using		
r 6	problems	Fractions, decimals and	Solve problems involving addition,	knowledge of fractions and		
Year		percentages equivalents	subtraction, multiplication and	multiples.		
×	Number		division			
	Multiply and divide whole	Geometry	Use estimation to check answers	Statistics		
	numbers and decimals by 10, 100	Compare shapes		Interpret and construct pie charts		
	or 1000.	Finding unknown angles and sides	Algebra	Interpret and construct line		
	Perform mental calculations,	based on properties	Simple formulae	graphs line graphs		
	Solve addition and subtraction	Recognising angles at a point,	Generate and describe linear	Solve problems		
	multi-step problems	straight line and vertically	number sequences	Mean		
	Long multiplication	opposite	Express missing number.			
	Short division	Finding missing angles	Solve problems with 2 unknowns.	Geometry		
	BIDMAS			Circles		
			Measures	Draw shapes according to		
	Multiplication and Division	Position and Direction	Conversion of measures	properties		
	Long division	Coordinates in four quadrants	Solve problems involving	Recognise, describe and build		
	Common factors, multiples and	Translation	measures	simple 3-D shapes, including		
	prime numbers	Reflection.	Convert between miles and	making nets		
			kilometres			
			Area and perimeter			
			Use formula for area and			
			perimeter			
			Area of parallelograms and			
			triangles			
			Calculate, estimate and compare			
			volume of cubes and cuboids			