

	Guidance Areas	Au	tumn	Sp	ring	Sur	nmer
	711000	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
Nursery	Topic(s) (Application Topics) Procedural/ Conceptual Skills	 Numerals of sign Matching like for Stable order condition Itemising Tagging Selecting a smather group Describing size 2D shapes Capacity Exploring shape parts Anticipating specification 	o 3 und rhymes numbers to 3 es to 3 e 1:1 umbers and numerals to 5 ifficant importance r like	Number and Place Value (N Measurement • Time Geometry • Positional Langu • Number sense to 4 • Movement patterr • composition of nu • Concept images t • Cardinality • Conservation of nu • Exploration of 'mo • Sharing objects • Sorting – exact mo • attribute • Categorising • Introduction of 5 fr • reciting numbers ir • Explorations of spoc • Positional languag • Numbers in the en	Jage Jage Market State Market State Mark	be used rather number sen Measurement • Weight Geometry • Patterns • Number sense to a • Temporal patterns • Numeral patterns • Composition of nu • Concept images • Exploration of mod • Sharing into equa • Introduced to sim • Subitising to 5 • Practical combini • Number bonds to	Aumbers to 5) (Please note: pictorial. Stem sentences to tence) 5+ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Key Fluency Facts	Recognising/ subitising representations of 1	Numbers in order to 3	Recognising/ subitising representations of 2	Numbers in order to 4	Recognising/ subitising representations of 3	Numbers in order to 5
	Key Fluency Skills	Fluency Counting forwards 5		Counting forwards and backwards to 5 1-1 correspondence Number formation – (0-4)		Counting forwards and backwards to 10 Number bonds within 5 1-1 correspondence More and less Number formation – (0-5)	



	Guidance Areas	Autumn		Sp	ring	S	ummer	
	Alcus	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2	
	Topic(s) (Application Topics)	Patterns Measurement Exploring ma	ositional language ney	This is to be concrete, and be used rather number sen Measurement • Time Statistics • Tally system	Jumbers to 10) (Please note: pictorial. Stem sentences to tence)	This is to be concrete, and pictorial. Stem sentences be used rather number sentence) Geometry • Patterns • 3d Shapes Measurement • Compare length, height, mass, capacity, volume. • Application of money		
Reception	Procedural/ Conceptual Skills	different ways Reciting number more/less/fewe Exploring mone Describing 2D s Positional langu Matching nume Practical additi Sorting and cat criteria Binary sort Introduction to	to 5 rns ns erns numbers to 5+ umbers and quantities in ers in order to 10 r y napes age eral to quantity on egorising by own and given	 Number sense to Number bonds to Symmetrical patter Composition of nu Concept images Multiple set sort Estimating Exploring mathem Sustained constrution Practical addition Tally system Recording mather information/repre Sequencing even language/concel Practical addition 	10 erns umbers to 10 to 10 natical problems ction and subtraction matical sentation ts and exploring ot of time	number track Describing 3D sk Refined construct Language to tai capacity, position Compare quart Solve practical proposition Recognise, created Recognise, created Explore characted and shapes and to describe ther Estimate Measure, weigh Order objects Talk about proposition	20 Ins numbers to 15 is to 15 g kills on a number line and a hape ction k about size, weight, on, distance, time tities and objects oroblems ite and describe patterns eristics of everyday objects l use mathematical language n and compare erties and position btraction sentences	



	Guidance Areas	Au	tumn	Spi	ing	Sun	nmer
		Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
	Key Fluency Facts	Number names in order to 5.	Numbers in order to 10.	Days of the week.	Number bonds to make 5.	Number bonds to make 10.	Count forwards in steps of 10.
	Key Fluency Skills Counting forwards and backwards Number bonds within 5 (part whole models/ tens frames) 1-1 correspondence Number formation – (0-5) Autumn 2 One more and One less			Doubling, Halving and Sharing Number bonds within 10 (part whole models/ tens frames) 1-1 correspondence One more and One less Number formation – (0-10)		Counting forwards and backwards Doubling, Halving and Sharing Number bonds within 10 1-1 correspondence One more and One less Counting in 2s and 10s 10 more and 10 less Number formation – (0-20)	
	Topic(s) (Application Topics)	Number and Place Value (Counting, Reading and V than) Measurement • Describe leng volume. • Coins and no	Vriting, More than, Less 9th, height, mass, capacity,	Properties of Shape Add and Subtract (to 20) Measurement • Compare length volume. • Coins and notes	n, height, mass, capacity,	Multiplication and Division Fractions Geometry • Position (turns) Measurement • Time	
Year 1	 Procedural/ Conceptual Count to and across 20, forwards and backwards, beginning with 0 or 1, or from any given number Count, read and write numbers to 20 in numerals; count in multiples of twos, fives and tens Given a number, identify one more and one less Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least Read and write numbers from 1 to 20 in numerals and words 		 squares), circles and tria -3-D shapes [for examp cubes), pyramids and s Read, write and interprestatements involving ac and equals (=) signs Represent and use num subtraction facts within Add and subtract one-to 20, including zero Solve one-step problem 	ble, rectangles (including angles] le, cuboids (including pheres]. et mathematical didition (+), subtraction (-) her bonds and related 20 digit and two-digit numbers as that involve addition and rete objects and pictorial	 and division, by calcula concrete objects, pictor arrays with the support Recognise, find and no equal parts of an object 	orial representations and of the teacher. ame a half as one of two ct, shape or quantity ame a quarter as one of four	



	Guidance Areas	Αι	itumn	Spr	ing	Sum	imer
	Alcus	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
	Key Fluency Facts	Number bonds for each number to 6Count forward and backward in steps of 2, 5 and 10		Doubles and halves of numbers to 10.	Number bonds to 10	Name and number of days of the week, months of the year and seasons.	Number bonds for each number to 10
	Key Fluency Skills Counting forwards and backwards up to 20 Counting in 10s Doubling and halving Partitioning numbers Recalling 10 times table facts			Counting forwards and backwards up to 50 Counting in 10s and 5s Doubling and halving Partitioning numbers Identifying one more, Identifying one less Recalling 10 and 5 times tables Mentally adding and subtracting		Counting forwards and backwards up to 100 Counting in 10s, 5s and 2s Doubling and halving Partitioning numbers Identifying one more, Identifying one less Recalling 2, 5, 10 times tables Mentally adding and subtracting Comparing numbers (<, > or =) Ordering numbers	
	Topic(s) (Application Topics)	Application		Money Multiplication and division		Time Fractions	
			gth, height, mass/weight, lume, temperature	Statistics		Geometry	
	Skills	count in steps of 2, 3, and any number, forward and	d 5 from 0, and in 10s from d backward	recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value find different combinations of coins that equal the same amounts of money solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising		compare and sequence interest tell and write the time to five	
Year 2		recognise the place valu digit number (10s, 1s)	e of each digit in a two-			past/to the hour and draw the hands on a clock fa to show these times	
Ye		identify, represent and es different representations,	stimate numbers using including the number line			know the number of minutes in an hour and the number of hours in a day	
		<, > and = signs	bers from 0 up to 100; use			recognise, find, name and v and 3/4 of a length, shape,	set of objects or quantity
		and in words	to at least 100 in numerals			write simple fractions, for example $1/2$ of 6 = 3 and 2, recognise the equivalence of $2/4$ and $1/2$	
			nber facts to solve problems tion and subtraction:	odd and even numbers calculate mathematical statements for multiplication		identify and describe the pro including the number of side vertical line	
		using concrete objects a		and division within the multip			



Guidance Areas		Autumn	Sp	ring	Sun	nmer	
1.000	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2	
	representations, inclue quantities and measu	ding those involving numbers, res	them using the multiplication (=) signs	on (×), division (÷) and equals	identify and describe the p including the number of ed		
	written methods	ing knowledge of mental and		show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot		urface of 3-D shapes, [for nder and a triangle on a	
	add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and 1s a two-digit number and 10s 2 two-digit numbers adding 3 one-digit numbers		solve problems involving mu using materials, arrays, repe methods, and multiplication	eated addition, mental	compare and sort commor everyday objects	n 2-D and 3-D shapes and	
			including problems in conte	exts	order and arrange combine objects in patterns and seq		
			block diagrams and tables		use mathematical vocabulary to describe position direction and movement, including movement in straight line and distinguishing between rotation		
		2 numbers can be done in any and subtraction of 1 number	number of objects in each categories by quantity	category and sorting the	turn and in terms of right angles for quarter, half an three-quarter turns (clockwise and anti-clockwise)		
	addition and subtract	e inverse relationship between tion and use this to check e missing number problems	ask-and-answer questions about totalling and comparing categorical data				
	compare and order le and record the results	engths, mass, volume/capacity ; using >, < and =					
	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) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels						
Key Fluency Facts	Number bonds to 20.	Multiplication and division facts for the 10 times table.	Doubles and halves of numbers to 20.	Multiplication and division facts for the 5 times table.	Addition and subtraction facts for multiples of 10 to 100	Multiplication and divis facts for the 2 times tab	
Key Fluency Skills	Counting forwards an Counting in 10s Doubling and halving	d backwards	Counting forwards and bac Counting in 10s and 5s Doubling and halving	kwards	Counting forwards and bac Counting in 10s, 5s and 2s Doubling and halving	:kwards	



Guidance Areas		Autumn		Spring		Summer
	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
		Partitioning numbers Recall of 10 times table facts		re, Recognising One less les tables subtraction	Recall of 2, 5, Mental additi	One more, Recognising One less 10 times tables on and subtraction nbers (<, > or =)
Topic(s)	Number and Plo	ace Value	Multiplication and Div	vision	Fractions	
(Application Topics)	Addition and Su	ubtraction	Time		Geometry	
	Measures (mea	sure, compare, add, subtra	ct) Money (add and sub	tract)		
	Statistics		Statistics			
Skills		multiples of 4, 8, 50 and 100 ess than a given number	4 and 8 multiplication		arise from divi dividing one-o	I down in tenths; recognise that tenths ding an object into 10 equal parts and ir digit numbers or quantities by 10
	recognise the place value of each digit in a 3-digit number (100s, 10s, 1s) compare and order numbers up to 1,000 identify, represent and estimate numbers using different representations		multiplication and div tables that they know	nathematical statements for rision using the multiplication r, including for two-digit nu	n Recognise, fir mbers objects: unit fi	d and write fractions of a discrete set of actions and non-unit fractions with small
				ers, using mental and prog nods		
		numbers up to 1,000 in num		ding missing number proble on and division, including p	ems, and non-unit	d use fractions as numbers: unit fractions fractions with small denominators
	in words		integer scaling proble problems in which n	ems and correspondence objects are connected to r	Recognise an	d show, using diagrams, equivalent small denominators
	solve number p involving these	roblems and practical prob ideas		f		ract fractions with the same denominate
	add and subtra a three-digit nu	act numbers mentally, incluc mber and 1s		 from an analogue clock, n numerals from I to XII, an cks 		ore dorder unit fractions, and fractions with
	a three-digit nu a three-digit nu			ne with increasing accurac		
		act numbers with up to 3 dig nethods of columnar additic	its, using of seconds, minutes of	ecord and compare time in and hours; use vocabulary a ning, afternoon, noon and	such as	ns that involve all of the above.
	subtraction	nemous of columnar addillo	midnight	ning, anemoon, noon and		perimeter of simple 2-D shapes bes and make 3-D shapes using modellin



	Guidance Areas	Αι	utumn	Spi	ing	Sun	nmer
		Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
		estimate the answer to a inverse operations to che		know the number of second number of days in each mo		materials; recognise 3-D sho and describe them	apes in different orientations
			g missing number problems, e value, and more complex	compare durations of events [for example, to calculate the time taken by particular events or tasks]		recognise angles as a property of shape or a description of a turn	
); volume/capacity (I/mI)	add and subtract amounts using both £ and p in praction interpret and present data u	cal contexts	a half-turn, 3 make three-qu	hise that 2 right angles make parters of a turn and 4 a ther angles are greater than
		interpret and present data using bar charts, pictograms and tables		and tables solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables		identify horizontal and vertical lines and pairs of perpendicular and parallel lines	
	Key Fluency Facts	Number bonds for all numbers to 20.	Multiplication and division facts for the 3 times table.	Multiplication and division facts for the 4 times table	Multiplication and division facts for the 8 times table.	Recall facts about durations of time.	Doubles and halves of All numbers to 20 All multiples of 10 to 500 All multiples of 100 to 5000
	Key Fluency Skills	Make representations of numbers Counting in multiples 2, 5, 10, 4 Find more and less than a number Order numbers Read and write numbers in numerals and words Partition numbers Mental addition and subtraction	Make representations of numbers Counting in multiples 2, 5, 10, 4, 8, 3 Find more and less than a number Order numbers Read and write numbers in numerals and words Partition numbers Mental addition and subtraction Roman numerals Comparing numbers (<, > or =) Rounding	Make representations of numbers Counting in multiples 2, 5, 10, 4, 8, 3 Find more and less than a number Order numbers Read and write numbers in numerals and words Partition of numbers Mental addition and subtraction Roman numerals Comparing numbers (<, > or =) Rounding	Key Fluency Skills	Make representations of numbers Counting in multiples 2, 5, 10, 4 Find more and less than a number Order numbers Read and write numbers in numerals and words Partition numbers Mental addition and subtraction	Make representations of numbers Counting in multiples 2, 5, 10, 4, 8, 3 Find more and less than a number Order numbers Read and write numbers in numerals and words Partition numbers Mental addition and subtraction Roman numerals Comparing numbers (<, > or =) Rounding
Year 4	Topic(s) (Application Topics)) Number and Place Value		Multiplication and Division		Geometry	



Guidance Areas		Autumn		Spring		Summer		
Aleus	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2		
			Fractions		Time			
	Statistics				Measures			
Skills	count in multipl	es of 6, 7, 9, 25 and 1,000	recall multiplication	and division facts for multip		ify geometric shapes, including		
			tables up to 12 × 12		quadrilaterals and t	triangles, based on their properti		
	find 1,000 more	or less than a given number		own and derived facts to m	and sizes			
	count backwar	ds through 0 to include nego		y, including: multiplying by 0		obtuse angles and compare an		
	numbers			olying together 3 numbers		2 right angles by size		
	recognize the n	place value of each digit in c	four recognize and use	factor pairs and commutativ	ity in identify lines of sum	metry in 2-D shapes presented ir		
		,000s, 100s, 10s, and 1s)	mental calculation		different orientation			
		pare numbers beyond 1,000 ent and estimate numbers us		nd three-digit numbers by a formal written layout		complete a simple symmetric figure with respect t specific line of symmetry		
	different repres				specific fine of sym			
				lving multiplying and adding		on a 2-D grid as coordinates in th		
		ber to the nearest 10, 100 or nd practical problems that in		distributive law to multiply tw integer scaling problems an				
	all of the above	e and with increasingly large	positive correspondence p	roblems such as n objects are	e describe movemen	Its between positions as translat		
	numbers		connected to m ol	pjects	of a given unit to th	e left/right and up/down		
	read Roman nu	umerals to 100 (I to C) and kn	ow that Recognise and sho	w, using diagrams, families o	of plot specified point	s and draw sides to complete a		
	over time, the r	ne numeral system changed to include common equivalent fractions			given polygon			
	the concept of	0 and place value	Count up and dow	n in hundredths; recognise th	hat read write and cor	nvert time between analogue a		
		act numbers with up to 4 digi	ts using hundredths arise w	nen dividing an object by a				
		en methods of columnar add	dition dividing tenths by 1	0.		wing converting from hours to		
		n where appropriate	Solve problems inv	olving increasingly harder fra		lving converting from hours to seconds, years to months, wee		
		se inverse operations to che	ck calculate quantitie	s, and fractions to divide que	antities, days			
	answers to a co	alculation	including non-unit	ractions where the answer is		late the perimeter of a rectiline		
	solve addition o	and subtraction two-step pro				uares) in centimetres and metre		
		contexts, deciding which operations and methods Add and subtract fractions with the same denominate						
	to use and why Recognise and write decimal equivalents of any			to use and why Recognise and write decimal equivalents of any Find the area of rectilinear shapes by cou				ctilinear shapes by counting squ
		resent discrete and continuc	ous data number of tenths o		estimate, compare	and calculate different measur		
	using appropria	te graphical methods, inclu	ding bar		including money in	pounds and pence		



	Guidance Areas	A	utumn	Spi	ring	Sun	ımer
		Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
		charts and time graphs solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs		Recognise and write decimal equivalents to ¼; ½; ¾ Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths Round decimals with 1 decimal place to the nearest whole number Compare numbers with the same number of decimal places up to 2 decimal places Solve simple measure and money problems involving fractions and decimals to 2 decimal places.			
	Key Fluency Facts	Number bonds to 100.	Multiplication and division facts for the 6 times table.	Multiply and divide single- digit numbers by 10 and 100.	Multiplication and division facts for the 9 , 11 and 7 times tables.	Recognise decimal equivalents of fractions. Convert between the 12 hour and 24 hour clock.	Doubles and halves of All numbers to 50 All multiples of 5 to 1000 All multiples of 50 to 5000
	Key Fluency Skills	Make representations of numbers Counting in multiples 3, 6, 9, 25, 100 and 1000 Find more and less than a number Order numbers Read and write numbers in numerals and words Partition numbers Mental addition and subtraction		Make representations of numbers Counting in multiples 3, 6, 9, 7, 11, 25, 100, 1000 Find more and less than a number Order numbers Read and write numbers in numerals and words Partition numbers Mental addition and subtraction Convert to Roman numerals Comparing numbers (<, > or =)		Make representations of nuc Counting in multiples 3, 6, 7, 9, 11, 12, 25, 100 and Find more and less the Order numbers Read and write numbers in r Partition of numbers Mental addition and subtra Convert to Roman numerals Comparing numbers (<, > or Rounding Counting through negative	1000 an a number numerals and words ction s r =)
Year 5	Topic(s) Number and Place Value (Application Topics) Addition and Subtraction		Multiplication and Division Fractions		Fractions Geometry		



Guidance Areas		Autumn		Spring		Summer
	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
	Statistics				Measures	
					Time	
Skills	1,000,000 and c count forwards 10 for any giver interpret negati forwards and b whole numbers round any num 100, 1,000, 10,00 solve number p involve all of the read Roman nu years written in add and subtro digits, including (columnar add add and subtro increasingly larg	roblems and practical problems e above umerals to 1,000 (M) and recogni Roman numerals act whole numbers with more the using formal written methods ition and subtraction) act numbers mentally with	t pairs of a number of know and use the factors and com establish whether recall prime num st 10, multiply number number using a multiplication for that multiply and divi- known facts se divide numbers of using the formal interpret remained multiply and divi- decimals by 10, recognise and u and the notation	s up to 4 digits by a one- or two-c formal written method, including two-digit numbers de numbers mentally, drawing up up to 4 digits by a one-digit numb written method of short division o ders appropriately for the contex de whole numbers and those inv	hbersfrom 2-D represe read and write of example, 0.71 =indrecognise and u tenths, hundredtdigitread, write, orded decimal placeslonground decimals whole number of placesponsolve problems in placesodrecognise the per per cent relates percentages as a decimal fraon,solve problems v decimal equival	decimal numbers as fractions [for 71/100] se thousandths and relate them to ths and decimal equivalents er and compare numbers with up to 3 with 2 decimal places to the nearest and to 1 decimal place hvolving number up to 3 decimal er cent symbol (%) and understand that to 'number of parts per 100', and write a fraction with denominator 100, and
		and subtraction multi-step proble ciding which operations and and why	multiplication an	ss and cubes nvolving addition, subtraction, Id division and a combination of tanding the meaning of the equ	these, from 2-D represe als sign	
	solve comparison, sum and difference problems using information presented in a line graph			solve problems involving multiplication and division, including scaling by simple fractions and problems		measured in degrees: estimate and , obtuse and reflex angles



Guidance Areas		Autumn		Spring		Summer
Aleas	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
	complete, read including timeta	and interpret information in tables, ibles.	 compare and order all multiples of the selection, represented hundredths recognise mixed nucconvert from one for mathematical state example, 2/5 + 4/5 add and subtract for and denominators number multiply proper fract numbers, supported recognise the per coper cent relates to 	er fractions whose denominators ar same number write equivalent fractions of a give ed visually, including tenths and umbers and improper fractions and orm to the other and write ements > 1 as a mixed number [for = $6/5 = 1 1/5$] ractions with the same denominat that are multiples of the same ctions and mixed numbers by whol d by materials and diagrams cent symbol (%) and understand th 'number of parts per 100', and wri- raction with denominator 100, and	 identify: angles at a point and angles at a point on a 180°) other multiples of 90° use the properties of refacts and find missing leading and find missing leading at the properties of refacts and find missing leading at the properties of refacts and find missing leading at the properties of refacts and find missing leaded on reasoning at the language not changed convert between different at the and calculate and calculate and calculate rectilinear shapes in certain at the area of irrestimate the area of irrestimate volume and calculate and comparison and the stimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate and comparison at the area of irrestimate volume and calculate at the area of irrestimate volume at th	gular and irregular polygons bout equal sides and angles represent the position of a shape or translation, using the , and know that the shape has rent units of metric measure oproximate equivalences and common imperial units such pints the perimeter of composite entimetres and metres re the area of rectangles luding using standard units, m2) and square metres (m2) and regular shapes



	Guidance Areas	Å	\utumn	Spr	ing	Sum	nmer
	Aleas	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
	Key Fluency Facts	Decimal number bonds to 1 and 10.	Multiplication and division facts for all times tables up to 12 × 12 Recall square numbers up to 12 ² and their square roots.	Recall metric conversions.	Identify prime numbers up to 20.	Doubles and halves of All numbers to 100 All multiples of 10 to 10,000 All multiples of 100 to 10,000	Find factor pairs of a number. Tests of divisibility for 2, 3, 5, 9 and 10.
	Key Fluency Skills	roots. Consolidate Place value Recap number bonds Recap double and halving Recite multiplication and division facts Identify and recap factors Convert between different measures rounding Recite squared numbers, fractions and decimals Multiply by 10, 100, 1000 Find fraction/percentage of an amount Recap number lines Solve calculations involving BODMAS Identify prime numbers Revise angles Calculate area and perimeter		Consolidate Place value Recap number bonds Recap double and halving Recite multiplication and division facts Identify and recap factors Convert between different measures rounding Recite squared numbers, fractions and decimals Multiply by 10, 100, 1000 Find fraction/percentage of an amount Recap number lines Solve calculations involving BODMAS Identify prime numbers Revise angles Calculate area and perimeter		Consolidate Place value Recap number bonds Recap double and halving Recite multiplication and div Identify and recap factors Convert between different r rounding Recite squared numbers, fro Multiply by 10, 100, 1000 Find fraction/percentage of Recap number lines Solve calculations involving Identify prime numbers Revise angles Calculate area and perimet Revisit previously taught key	measures actions and decimals ⁱ an amount BODMAS ter
	Topic(s) (Application Topics)	Revisit previously taught Number and Place Valu Four Operations		Revisit previously taught key Algebra Fractions		Statistics Geometry	
~0	. ,	Statistics		Measurement use simple formulae		Ratio and Proportion	
Year 6	Skills		compare numbers up to ne the value of each digit			interpret and construct pie charts and line graphs and use these to solve problems	
		round any whole number to a required degree of accuracy		generate and describe linear number sequences express missing number problems algebraically find pairs of numbers that satisfy an equation with 2		describe positions on the full coordinate grid (all 4 quadrants)	
		use negative numbers i	n context, and calculate	unknowns		draw and translate simple sh	napes on the coordinate



	Guidance Areas	Autumn		Spring		Summer	
		Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
		 intervals across 0 solve number and practical problems that involve all of the above multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context divide numbers up to 4 digits by a two-digit number 		enumerate possibilities of combinations of 2 variables use common factors to simplify fractions; use common multiples to express fractions in the same denomination compare and order fractions, including fractions >1 add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions		plane, and reflect them in the axes solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison	
				multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $1/4 \times 1/2 = 1/8$] divide proper fractions by whole numbers [for example, $1/3 \div 2 = 1/6$] associate a fraction with division and calculate		solve problems involving similar shapes where the scale factor is known or can be found	
						solve problems involving unequal sharing and grouping using knowledge of fractions and multiples	
		using the formal written method of short division where appropriate, interpreting remainders according to the context perform mental calculations, including with mixed operations and large numbers identify common factors, common multiples and prime numbers		decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, 3/8] identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places multiply one-digit numbers with up to 2 decimal places by whole numbers use written division methods in cases where the answer		use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places	
						solve problems involving the calculation and conversion of units of measure, using decimal notation up to 2 decimal places where appropriate	
		use their knowledge of the order of operations to carry out calculations involving the 4 operations solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why solve problems involving addition, subtraction, multiplication and division		has up to 2 decimal places solve problems which requir	e answers to be rounded to	recognise that shapes with	
				specified degrees of accuracy		different perimeters and vice versa recognise when it is possible to use formulae for area	
				recall and use equivalences between simple fractions, decimals and percentages, including in different contexts		and volume of shapes	
		use estimation to chec determine, in the cont appropriate degree o			of length, mass, volume and neasure to a larger unit, and	calculate the area of para calculate, estimate and co and cuboids using standar centimetres (cm3) and cub	ompare volume of cubes d units, including cubic



Knowledge and Skills Curriculum Overview

Guidance Areas	Autumn		Spring		Summer	
	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
	calculate and interpret the mean as an average.		places		extending to other units	
			solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate		convert between miles and kilometres	
Key Fluency Facts	Use times table facts to multiply and divide decimals	Identify common factors of a pair of numbers.	Convert between decimals, fractions and percentages.	Identify prime numbers up to 50.	Doubles and halves of 2 digit decimals.	Tests of divisibility for 4 and 6.
Key Fluency Skills	decimals Consolidate Place value Recap number bonds Recap double and halving Recite multiplication and division facts Identify and recap factors Convert between different measures rounding Recite squared numbers, fractions and decimals Multiply by 10, 100, 1000 Find fraction/percentage of an amount Recap number lines Solve calculations involving BODMAS Identify prime numbers Revise angles Calculate area and perimeter		Consolidate Place value Recap number bonds Recap double and halving Recite multiplication and division facts Identify and recap factors Convert between different measures rounding Recite squared numbers, fractions and decimals Multiply by 10, 100, 1000 Find fraction/percentage of an amount Recap number lines Solve calculations involving BODMAS Identify prime numbers Revise angles Calculate area and perimeter		Consolidate Place value Recap number bonds Recap double and halving Recite multiplication and division facts Identify and recap factors Convert between different measures rounding Recite squared numbers, fractions and decimals Multiply by 10, 100, 1000 Find fraction/percentage of an amount Recap number lines Solve calculations involving BODMAS Identify prime numbers Revise angles Calculate area and perimeter	
	Identify prime numbers Revise angles		Identify prime numbers Revise angles		Identify prime numbers Revise angles	

Please note: some of the topics may carry over into the next term.