Whole School Maths Scheme of Learning





Year 1 – Autumn Term

Week 1 Week 2 Week 3 Week 4	Week 5 Week 6 Week 7 Week 8	Week 9 Week 10 Week 11	Week 12
Number: Place Value Count to ten, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers to 10 in numerals and words. Given a number, identify one more or 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.	Represent and use number bonds and related subtraction facts within 10 Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. Add and subtract one digit numbers to 10, including zero. Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.	Geometry: Shape Recognise and name common 2-D shapes, including: (for example, rectangles (including squares), circles and triangles) Recognise and name common 3-D shapes, including: (for example, rectangles (including squares), circles and triangles) Recognise and name common 3-D shapes, including: (for example, cuboids (including cubes), pyramids and spheres.)	Consolidation

Year 1 - Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Represent and facts within 20 Read, write an addition (+), su Add and subtraincluding zero. Solve one step subtraction, us	d interpret mathe obtraction (-) and act one-digit and	ematical statem equals (=) signs two-digit numb volve addition a ects and pictoria	ents involving ers to 20,	beginning with Count, read an numerals. Given a number lidentify and reand pictorial renumber line, and to, more than,	wards and backy o or 1, or from a d write numbers or, identify one m present numbers presentations includes the langual less than (fewer)	to 50 in ore or one less. susing objects cluding the age of: equal p, most, least.	Height Measure an record lengtheights. Compare, desolve practifor: lengths (for example)	escribe and cal problems and heights le, long/short, rter, tall/short,	Measurement and Volume Measure and record mass/capacity and Compare, desolve practication for mass/weiexample, heavier than; capacity volume [for endit of the full/empty, noless than, hall quarter]	begin to weight, volume. scribe and al problems ight: [for ivy/light, , lighter ty and example, nore than,	Consolidation

Year 1 - Summer Term

Week 1	Week 2	Week 3	Week 4 Week 5		Week 6	Week 7	Week 8	Week 9	Week 10 We	eek 11	Week 12
Solve one step multiplication answer using o	iplication and Div ples of twos, five problems involved and division, by concrete objects, as and arrays with	ing calculating the pictorial	Number: Fractic Recognise, find half as one of two of an object, shou quantity. Recognise, find quarter as one of parts of an object quantity. Compare, descriptation of two parts of an object quantity. Compare, descriptation of two parts of an object quantity. Compare, descriptation of two parts of an object quantity. Compare, descriptation of two parts of an object quantity. Compare, descriptation of two parts	and name a wo equal parts ape or and name a of four equal ect, shape or ribe and solve ems for: ghts (for short, tall/short, ribe and solve ems for: or example, avier than, apacity and ample, re than, less	Geometry: position and direction Describe position, direction and movement, including whole, half, quarter and three quarter turns	Number: Place Count to and a forwards and b beginning with from any given Count, read and numbers to 100 numerals. Given a number one more and of lidentify and regroumbers using pictorial repressincluding the number and use the land equal to, more than, most, lead	d write of in control of in co	Measuremen t: Money Recognise and know the value of different denominatio ns of coins and notes.	Measurement: Time Sequence events in chronological orde language [for example before and after, in first, today, yesterd tomorrow, morning afternoon and event language relating the dates, including dathe week, weeks, in and years. Tell the time to the and half past the hand draw the hand clock face to show times. Compare, describe solve practical profor time [for example quicker, slower, earlater] Measure and begin record time (hours minutes, seconds)	er using mple, next, rday, ng, ening. et to ays of months e hour hour ds on a r these e and oblems uple, arlier, arlier, in to ss,	Consolidation

Year 2 – Autumn Term

Week 1 Week 2 Week 3	Week 4 Week 5 Week 6 V	Veek 7 Week 8	Week 9 Week	10 Week 11 Week 12
Number – Place Value	Number – Addition and Subtraction		Measurement: Money Recognise and use symbol	Multiplication and Division Recall and use multiplication
Read and write numbers to at least 100 in	Recall and use addition and subtraction facts to 2	0 fluently, and derive and	for pounds (£) and pence	(p); and division facts for the 2, 5
numerals and in words.	use related facts up to 100.		combine amounts to mal	and 10 times tables, including recognising odd and even
Recognise the place value of each digit in a	Add and subtract numbers using concrete objects		, , , , , , , , , , , , , , , , , , , ,	numbers.
two digit number (tens, ones)	representations, and mentally, including: a two-di two-digit number and tens; two two-digit number		Find different combination of coins that equal the sa	
Identify, represent and estimate numbers	numbers.	is, adding times one digit	amounts of money.	statements for multiplication
using different representations including the number line.	Show that the addition of two numbers can be do	one in any order	Solve simple problems in	and division within the multiplication tables and write
Commence of a decrease the contract of the con	(commutative) and subtraction of one number fro	,	practical context involving	g them using the multiplication
Compare and order numbers from 0 up to 100; use <, > and = signs.	Solve problems with addition and subtraction: usi	ing concrete objects and	addition and subtraction money of the same unit,	of (x), division (÷) and equals (=) sign.
	pictorial representations, including those involving	g numbers, quantities	including giving change.	
Use place value and number facts to solve problems.	and measures; applying their increasing knowledg methods.	ge of mental and written		Solve problems involving multiplication and division.
Count in stone of 3, 3 and 5 from 0, and in	Passanias and use the inverse relationship between	on addition and		using materials, arrays,
Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and	Recognise and use the inverse relationship betwe subtraction and use this to check calculations and			repeated addition, mental methods and multiplication and
backward.	problems.			division facts, including problems in contexts.
				problems in contexts.
				Show that the multiplication of two numbers can be done in
				any order (commutative) and
				division of one number by another cannot.
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Year 2 - Spring Term

Week 1 We	eek 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Multiplication and Divi Recall and use multipli and division facts for the and 10 times tables, in recognising odd and ex numbers. Calculate mathematical statements for multipli and division within the multiplication tables at write them using the multiplication (×), division and equals (=) signs. Solve problems involvi multiplication and division multiplication and divisions using materials, arrays repeated addition, me methods and multiplicand division facts, incluproblems in contexts. Show that the multiplic of two numbers can be in any order (commuta and division of one num by another cannot.	ication the 2, 5 ncluding even al lication e and sion (÷) ing ision, s, ental cation uding ication e done ative)	Statistics Interpret and of simple pictogricharts, block of simple tables. Ask and answer questions by conumber of objicategory and scategories by of the simple tables about totalling comparing categories are simple tables.	ams, tally liagrams and er simple counting the ects in each sorting the quantity.	Identify and de shapes, includir line symmetry i Identify and de shapes, includir vertices and factorities and factorities and factorities and a triangle of the shapes.	apes on the surfa ample, a circle on on a pyramid.] ort common 2-D	erties of 2-D of sides and erties of 3-D of edges, ace of 3-D of a cylinder	$\frac{1}{4'}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a lequantity. Write simple from the s	tions I, name and writength, shape, see actions for example the equivalence	et of objects or on on on on on one of the second	Measurement: length and height 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 Compare and order lengths, mass, volume/capacit y and record the results using >, < and =	Consolidation

Year 2 - Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
position, dire including more distinguishing and in terms half and three and anti-clock. Order and are	atical vocabular ction and move vement in a stra g between rotat of right angles f e-quarter turns	ment sight line and ion as a turn or quarter, (clockwise	Problem solvi Efficient meth		Measurement Tell and write five minutes, quarter past/ and draw the clock face to times. Know the number of day. Compare and intervals of times.	e the time to including //to the hour e hands on a show these mber of a hour and of hours in a	Choose and u units to estim length/height mass (kg/g); t (litres/ml) to using rulers, s measuring ve	se appropriate late and measu in any directio emperature (°C the nearest app scales, thermon ssels order lengths, city and record	standard re n (m/cm); c); capacity propriate unit, neters and	:	Investigations

Year 3 – Autumn Term

Week 1 Week 2 Week 3	Week 4 Week 5 Week 6	Week 7 Week 8	Week 9	Week 10	Week 11	Week 12			
Number – Place Value Identify, represent and estimate numbers	Number – Addition and Subtraction Add and subtract numbers mentally, includin	g: a three-digit number and	Number – Multi	plication and Divis	sion_				
using different representations.	ones; a three-digit number and tens; a three	digit number and hundreds.	Count from 0 in	multiples of 4, 8,	50 and 100				
Find 10 or 100 more or less than a given number	Add and subtract numbers with up to three di methods of columnar addition and subtraction		Recall and use n and 8 multiplica	nultiplication and tion tables.	division facts f	for the 3, 4			
Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).	Estimate the answer to a calculation and use answers.	multiplication a	late mathematica nd division using to uding for two-digit	the multiplica	tion tables				
Compare and order numbers up to 1000	Solve problems, including missing number proplace value, and more complex addition and			they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.					
Read and write numbers up to 1000 in numerals and in words.			Solve problems.	including missing	number prob	lems.			
Solve number problems and practical problems			involving multiplication and division, including positive integer scaling problems and correspondence problems i						
involving these ideas.				are connected to					
Count from 0 in multiples of 4, 8, 50 and 100									

Year 3 - Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Recall and use for the 3, 4 and Write and calc for multiplication two-digit num using mental a written method Solve problems, invodivision, including problems and	tiplication and distribution and distribution and division of tables they know bers times one-diand progressing tods. Its, including missiplication gositive integers are connected.	cal statements using the v, including for igit numbers, o formal ing number ion and ger scaling problems in	Measuremen t - money Add and subtract amounts of money to give change, using both £ and p in practical contexts.	Statistics Interpret and pusing bar chart and tables. Solve one-step questions [for emany more?' a fewer?'] using presented in socharts and pict tables.	and two-step example, 'How ind 'How many information caled bar	Measure, com; (m/cm/mm); n (I/ml).	elength and peripare, add and sunass (kg/g); volunerimeter of simp	btract: lengths me/capacity	recognise that from dividing a 10 equal parts one-digit numb quantities by 1	down in tenths; tenths arise in object into and in dividing pers or 0 use fractions as fractions and ons with small d and write discrete set of actions and ons with small state ons with small state of actions and ons with small state of actions are state of actions and ons with small state of actions and ons with small state of actions are stated as a state of actions and ons with small states of actions are stated as a state of actions are stated as a state of actions are stated as a state of actions and actions are stated as a stated as a stated as a stated action and actions are stated as a stated as a stated action actions are stated as a stated action actions are stated as a stated action actions are stated as a stated action action actions are stated as a stated action action action action actions are stated as a stated action ac	Consolidation

Year 3 – Summer Term

Week 1 Week 2	Week 3	Week 4 Week 5 Week 6			Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number – fractions Recognise and show, using diagrequivalent fractions with small denominators. Compare and order unit fraction fractions with the same denominators with the same denominator within one whole [$\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$] Solve problems that involve all of	s, and nators. the same for example,	including using I and 12-hour and	ne time from an a Roman numerals d 24-hour clocks. and time with inconnearest minute. Apare time in terrours. Such as o'clock, a boon, noon and mer of seconds in lays in each mon	reasing ms of seconds, a.m./p.m., nidnight. a minute and or example to	of shape or a deturn. Identify right at that two right a half-turn, three quarters of a tucomplete turn; whether angles than or less that Identify horizon lines and pairs operpendicular a lines.	es as a property escription of a engles, recognise engles make a emake three ern and four a identify are greater en a right angle. Intal and vertical of end parallel es and make 3-modelling	Measure, com	— mass and capa pare, add and s /mm); mass (kg city (I/mI).	ubtract:	Consolidation

Year 4 - Autumn Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12		
Number - Place	<u>Value</u>			Number- Addit	ion and Subtract	tion	Measurement:	Number - M	lultiplication and	Division			
				Add and subtra	ct numbers with	up to 4 digits	Length and	Recall and us	se multiplication	and division			
Count in multip	oles of 6, 7, 9. 25	and 1000.			al written metho		<u>Perimeter</u>	facts for mu	tiplication tables	s up to 12 × 12.			
					tion and subtract	tion where	Measure and						
Find 1000 more	or less than a g	iven number.		appropriate.			calculate the	Count in mu	Itiples of 6, 7, 9.	_25 and 1000			
		all all all to a factor	dieta e e e e	5		ata a sa a la a de	perimeter of a						
		ch digit in a four	digit number		se inverse opera	tions to check	rectilinear figure		lue, known and				
(thousands, hur	ndreds, tens and	ones)		answers to a ca	ilculation.		(including		divide mentally	_			
Order and com		auand 1000		Calus addition	and subtraction	tura etan	squares) in centimetres and		by 0 and 1; dividi		Ξ.		
Order and comp	pare numbers be	eyona 1000			and subtraction			multiplying t	.0				
Identify repres	ent and estimate	e numbers using	different		ntexts, deciding I methods to use		metres	Solve problems involving multiplying and					
representations		e numbers using	unierent	operations and	methous to use	and wily.	Convert		uding using the o		Consolidation		
representations	J.						between		wo digit numbe		=		
Round any num	ber to the near	est 10, 100 or 10	00				different units						
		,					of measure [for		nce problems su		Ľ		
Solve number a	nd practical pro	blems that involv	ve all of the				example,	-	ed to m objects.	, , , , , , , , , , , , , , , , , , , ,	Q		
		ge positive numb					kilometre to		,		0		
		•					metre]						
Count backward	ds through zero	to include negati	ive numbers.										
		to C) and know											
	_	include the con	cept of zero										
and place value	!.												

Year 4 - Spring Term

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Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Week 1 Number – multiple Recall and use me facts for multiplic Use place value, is multiply and divide multiplying by 0 a multiplying toget Recognise and use commutativity in Multiply two digit by a one digit number of the factor of the	plication and dinultiplication are ilication tables up, known and devide mentally, in and 1; dividing ether three numbers are mental calcularity and three digumber using for involving multiplies using the distinguished and three digumbers are involving multiplies using the distinguished and three digumbers are distinguished.	vision and division p to 12 × 12. rived facts to acluding: by 1; abers. and ations. git numbers and written plying and ributive law	Week 4 Measurement- Area Find the area of rectilinear shapes by counting squares.	Fractions Recognise an equivalent from the count up and hundredths a and dividing Solve problem calculate qualincluding nor number.	nd show, using di actions. d down in hundre arise when dividi tenths by ten. ms involving incr antities, and fract n-unit fractions v	Week 7 lagrams, families ledths; recognise ling an object by of leasingly harder freasingly harder fre	of common that one hundred fractions to uantities, r is a whole	Decimals Recognise and any number of the effect number by 10 the digits in the hundredths Solve simple r involving fract decimal place Convert between	I write decimal ender the feaths or hundrest of dividing a one or 100, identifying answer as one one or 100 and more answer and more the feather and more the feather and decimal and decimal feather the feather	quivalents of redths. e or two digiting the value of s, tenths and rey problems als to two	Consolidation Consolidation

Year 4 - Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6 Week 7		Week 8	Week 9	Week 10	Week 11	Week 12
same number places up to places. Round decimal place whole numb Recognise are equivalents to the effection or two displacements to the first placement of the effection of the	two decimal nals with one e to the nearest er. Indicate the decimal to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ and $\frac{3}{4}$ oct of dividing a ligit number by entifying the	Measurement: Estimate, com calculate differ measures, incl in pounds and Solve simple m money probler fractions and c two decimal pl	pare and rent uding money pence. neasure and ms involving decimals to	Time Convert between different units of measure [for example, kilometre to metre; hour to minute] Read, write and convert time between analogue and digital 12- and 24-hour clocks. Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	Statistics Interpret and discrete and ordata using application metion including bar of time graphs. Solve comparidifference proinformation probar charts, pictables and other including and other including bar of the proinformation probar charts, pictables and other including bar of the province of the	ontinuous propriate hods, charts and son, sum and blems using resented in tograms,	Identify acut compare and angles by size Compare and including qua on their proposed in Identify lines presented in Complete a significant complete a significan	roperties of shape e and obtuse ang l order angles up e. d classify geometr adrilaterals and tr perties and sizes. of symmetry in 2 different oriental imple symmetric specific line of syr	es and to two right ic shapes, iangles, based -D shapes tions. figure with	Geometry-Position and Direction Describe positions on a 2-D grid as coordinates in the first quadrant. Plot specified points and draw sides to complete a given polygon. Describe movements between positions as translations of a given unit to the left/ right and up/ down.	Consolidation

Year 5 - Autumn Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
least 1000000 a each digit. Count forwards powers of 10 for 1000000. Interpret negation forwards and benegative whole zero. Round any numnearest 10, 1000 Solve number problems that it is read Roman not the sero.	e Value der and compare and determine the sor backwards in or any given num dive numbers in clackwards with per enumber up to 10000 0, 1000, 10000 ar problems and pra involve all of the umerals to 1000 s written in Roma	e value of steps of ber up to ontext, count ositive and ing through oo to the ind 100000 actical above. (M) and	Number- Addit Subtraction Add and subtraction mentally with is large numbers Add and subtraction mentally with indigets, including written metholicated addition and subtraction and is user ounding it answers to calcidetermine, in it a problem, level accuracy. Solve addition subtraction mental problems in conduction mental problems in conduction methods it why.	act numbers increasingly act whole more than 4 g using formal ds (columnar ubtraction) to check culations and the context of els of and ulti-step ontexts, in operations	Statistics Solve comparisdifference problem information problem graph. Complete, readinformation in the including time to the including time time time time time to the including time time time time time time time time	esented in a and interpret tables	facts. Multiply and dinumbers by 10, Identify multiplication and two numbers. Recognise and numbers and of the notation for cubed (3) Solve problems multiplication a including using of factors and rand cubes. Know and use the prime numbers composite (nor	vide numbers ng upon known vide whole 100 and 1000. es and factors, g all factor pairs of common factors of use square ube numbers and r squared (²) and involving and division their knowledge nultiples, squares he vocabulary of prime factors and prime) numbers. her a number up to d recall prime	Perimeter and Measure and perimeter of control rectilinear shall and the area of rectilinear shall rectiline rectili	calculate the composite spes in cm compare ctangles sares), and g standard estimate	Consolidation

Year 5 - Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Multiply and drawing upon two digit written met multiplication between two digit numbers and a combon and a combon drawing and a combon drawing and a combon drawing upon drawing and a combon drawing upon drawing u	Multiplication and divide numbers on known facts. Imbers up to 4 digit number using a thod, including loon for 2 digit numbers up to 4 digit er using the form short division and appropriately for ems involving add, multiplication a bination of these, ling the use of the	gits by a one formal ong onbers. Is by a one al written of interpret or the dition and one one one one of the dition and one of the oreal of the one of t	Identify, name tenths and hun Recognise mixe write mathema Add and subtrathe same numb Multiply propediagrams. Read and write Solve problems	and write equiva dredths. d numbers and intical statements ct fractions with	mproper fractions of mproper fraction >1 as a mixed nuthe same denomixed numbers by as as fractions [for five lication and division and	a given fraction, as and convert from the same and convert from the same and denotes whole numbers or example 0.71	represented vision one form to the sple $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$ cominators that all so, supported by in $=\frac{71}{100}$	the other and [] re multiples of materials and	Number: Decimals Read, write, order numbers with up to places. Recognise and use relate them to ten and decimal equiva Round decimals wi places to the neare number and to one Solve problems invuip to three decimal Recognise the per and understand the relates to 'number hundred', and write a fraction with der and as a decimal. Solve problems when who wing percentage equivalents of 1/2, 4/4 fractions with a definition of 10 or 2	and compare to three decimal of thousandths and this, hundredths alents. Which is a compare to thousandths and this, hundredths alents. Which is a compare to the decimal place. Wolving number all places. Wolving number all places.	Consolidation

Year 5 - Summer Term

Week 1 Week 2 Week 3 Week 4	Week 5 Week 6 Week 7	Week 8 Week 9 Week 10	Week 11 Week 12
Number: Decimals Solve problems involving number up to three decimal places. Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.	Geometry- Properties of Shapes and Angles Identify 3D shapes, including cubes and other cuboids, from 2D representations. Use the properties of rectangles to deduce related facts and find missing lengths and angles. Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Draw given angles, and measure them in degrees (°) Identify: angles at a point and one whole turn (total 360°), angles at a point on a straight line and ½ a turn (total 180°) other multiples of 90°	Geometry- position and direction Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. Measurement- converting units Units Convert between different units of metric measure [for example, km and m; cm and m; cm and m; cm and mm; g and kg; l and ml] Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. Solve problems involving converting between units of time.	Measures Volume Estimate volume [for example using 1cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water] Use all four operations to solve problems involving measure.

Year 6 - Autumn Term

Week 1 Wee	ek 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number: Place Value Read, write, order an compare numbers up 10,000,000 and deter the value of each digit Round any whole nur to a required degree accuracy. Use negative number context, and calculate intervals across zero. Solve number and practical problems th involve all of the abor	nd o to rmine it. mber of rs in e	Number- addition Solve addition and deciding which op Multiply multi-dig the formal writter Divide numbers up formal written me whole number rer for the context. Divide numbers up written me whole number rer for the context. Perform mental calarge numbers. Identify common to the context in division. Use their knowled calculations involved. Solve problems in division. Use estimation to the context of a p	d subtraction multiple and merations and merations and merations and merations and merations are those of long probabilities by a perhod of long divinguinders, fractions probabilities by a fraction and division, in alculations, including a factors, commonations of the order of	Iti step problems thods to use and digits by a 2-digit multiplication. 2-digit whole nusion, and interprets, or by rounding 2-digit number unterpreting remainding with mixed multiples and prof operations to crations.	s in contexts, I why. git number using mber using the ret remainders as appropriate using the formal ainders according operations and rime numbers. carry out Itiplication and did determine in	multiples to exp Compare and o Generate and d fractions) Add and subtra mixed numbers Multiply simple in its simplest for Divide proper for $=\frac{1}{6}$] Associate a fract fraction equival fraction [for exa	ectors to simplify press fractions in order fractions, in describe linear number of fractions with a sung the concept pairs of proper form [for example $\frac{3}{8}$] equivalences betercentages, including press fractions.	the same denoted the same denoted and the same denoted are sequenced as the sequence of the s	omination. as > 1 es (with minations and at fractions. ag the answer example $\frac{1}{3} \div 2$ decimal simple	Geometry-Position and Direction Describe positions on the full coordinate grid (all four quadrants). Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.	Consolidation

Year 6 - Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number: Decimals Identify the value of each digit in numbers given to 3 decimal places and multiply 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 has up to 2 decimal places. Solve problems which require answers to be rounded to specified degrees of accuracy		Number: Perce Solve problem calculation of [for example, of and such as 15 the use of perce comparison. Recall and use between simple decimals and princluding in different contexts.	s involving the percentages of measures (% of 360] and centages for equivalences de fractions, percentages	Number: Algeb Use simple for Generate and a number seque Express missin problems algel Find pairs of no satisfy an equa unknowns. Enumerate pos combinations of variables.	describe linear nces. g number braically. umbers that ution with two	Measurement Converting Units Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. 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 3dp. Convert between miles and kilometres.	Area and Vol Recognise th the same are different per vice versa. Recognise wi possible to us area and volu Calculate the parallelogran triangles. Calculate, est compare volu and cuboids	at shapes with has can have imeters and hen it is se formulae for ume of shapes. has and timate and ume of cubes using standard ng cm³, m³ and	Number: Ration Solve problem the relative singuantities who values can be using integer and division for similar shapes scale factor is can be found. Solve problem unequal sharing grouping using of fractions are	res involving sere missing found by multiplication acts. In sinvolving swhere the known or the involving sing and g knowledge	Consolidation

Year 6 - Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
their proper and find unk in any triang quadrilatera polygons. Recognise ar	apes using sions and d classify hapes based on ties and sizes mown angles les, ls and regular highes where to a point, are tiline, or are posite, and	Problem Solvi	ing		and know that is twice the rad Interpret and charts and line	ng radius, circumference the diameter dius. construct pie graphs and blve problems.	Investigations				Consolidation