

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
-	Numbe	rs to 10	Add/Subtra	ct within 10	Sha	ape	Numbe	ers to 20	Add/S with	ubtract in 20
Autumr	 Represent and explore within 10 One more less 	t, compare e numbers e and one	 Represent a addition and s Number bor Related sub Understand (+), (-), (=) 	nd explain subtraction ids to 10 traction facts the symbols:	 Recognise a common 2D & Use and follo instructional a language, incl half and three 	nd name 3D shapes w nd positional uding whole, -quarter turns	 Read and write nu numerals and words One more and one Identify and represent and pictures (and o Compare using economic and less than 	mbers 1-20 in e less sent using objects n a number line) jual to, more than	 Number I Related s facts Add/Subt and 2-digit to 20, inclu 	bonds to 20 subtraction tract 1-digit numbers uding 0

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	Measur	e: Time	Problem Solving		Numbers to	50	Fractions		Measure	
Spring	 Read, write and to o'clock and h analogue clock Sequencing e chronological o Know the day months of the y 	nd tell the time nalf past on events in orders s of the week, vear	• Solve 1-step problems, involving addition and subtraction, including missing number problems	Count re 50 (in nur Count ir Describ patterns One mo Count for	ead and write r merals) n 2s, 5s and 10 e and completo pre and one les prwards and ba	numbers to)s e number ss ackwards	 Identify ½ and ¼ of a shape or object Find ½ and ¼ of a quantity 	 Compare, practical pro mass, weigh Measure a the above 	describe and blems for: ler nt, capacity ar nd begin to re	solve ngths, nd time ecord all of

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Ľ	Numbers 50 beye	to 100 and ond	Addition &	Subtraction	Мо	ney	Mult	iplication & Divi	sion
Summe	 Count to and forwards and from any given One more/le Count in 2s, 	d across 100, backwards n number ss 5s and 10s	 Explore addition involving 2-digit nu Represent and e subtraction with re Investigate number 	and subtraction umbers and ones xplain addition and grouping per bonds within 20	Name coir and unders	ns and notes tand value	 Share equally Doubling Link halving to Explore arrays Solve 1-step p and division use 	into groups fractions roblems involving objects, pictures	multiplication and arrays



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	Numbers	within 100	Addi	tion/Subtrac	tion	Measure	: Length	Stati	stics	Multiplication & Division
Autumn	 Place-value numbers (ten Read, write numbers to 1 and numerals Compare an numbers to 1 and = signs 	e of 2-digit ns & ones) , represent 00 (in words s) nd order 00; use <, >	 Recall and Derive and facts up to 1 Use concre- mental meth 2-digit numb Add three 	use number use related 00 ete objects, p ods to add: ers and ones ers and tens 1-digit numbe	bonds to 20 number ictures and	 Draw and mean and height in commetres Use <, > and = and order lengt and centimetres Solve problem length 	asure length entimetres and = to compare hs in metres s ns involving	 Represent interpret: pi block diagr and tally ch Ask and a questions u given 	t and ictograms, ams, tables narts. answer using data	 Recall and use multiplication and division facts for the 2, 5 and 10 x tables Recognise odd and even numbers

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	Multiplicatio	n & Division	Measur	e: Time	Fract	tions	Add/Si	ubtract	Мо	ney
Spring	 Calculate multiplie facts for 2s, 5s, 109 Show that multiplie commutative and commutative and commutative and commutative solve problems in using arrays, repeated 	cation and division s using (x) (\div) (=) cation is livision is not different contexts ated addition,	 Tell the time or clock: quarter pa and five-minute i Compare and s intervals of time Know the number of the second bour and bour	an analogue ast, quarter to ntervals sequence per of minutes in rs in a day	 Recognise and write fraction 1/4, 2/4, and 3/2 length, shape objects or quite sequivalence 	find, name ctions 1/3, 4 of a e, set of antity the of 14 and 2/4	 Explore methods f 2 x 2-digit Show the addition is commutat 	different for adding numbers at s ive and n is not	 Use £ and accurately Find difference combination same amou Add/subtration 	p ent is for the nt act money,

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
<u> </u>		Shape		Position	Mea	sure	Explori	ing Calculation	Strategies
Summe	 Identify and c Lines of symmetry 2-D s Identify 2-D s Compare and Describe 3-D and edges 	describe 2-D sha metry in 2-D sha shapes on 3-D s d sort 2-D and 3 shapes using;	apes apes hapes -D shapes vertices, faces	 Order and arrange mathematical objects in patterns and sequences Describe position, direction and movement 	 Estimate ar mass, capaci temperature appropriate e Compare al above 	nd measure ity, using equipment nd order the	 Apply additions solve equations Solve problem using mental Recognise additions 	on and subtraction ns ems with addition a and written method and use the inverse tion and subtraction	strategies to nd subtraction ds relationship n



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10		
		Place Value		Statistics	Addition and Subtraction					Length and Perimeter		
Autumn	 Read, write (in represent 3-digit Understand the Order and com Count from 0 in Find 10 or 100 	numerals and wor numbers place value of 3- pare 3-digit numb multiples of 4, 8, more or less than	ds) and digit numbers ers 50 and 100 a given number	 Collect, interpret and present data using bar charts, pictograms and tables Solve 1-step/2-step questions linked to the information 	 Develop calculatior 3-digit nur 3-digit nur 3-digit nur Column a 3-digits 	and use a non- strategies nbers and c nbers and t nbers and t addition and	range of me to add and ones ens nundreds d subtractio	ental subtract: n – up to	 Measure, compare le Add and lengths Calculate perimeter of 2D shapes 	, draw and engths subtract e the of simple		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	Multi	plication and Div	ision		Time			Fract	tions	
Spring	 Recall and use r the 3, 4 and 8 tim Write and calcul using known mult 2-digit x 1-digit r multiplication Solve problems linked to x/÷ 	multiplication and c es tables ate multiplication a iplication tables nultiplication incluc including missing i	division facts for and division facts ding intro to short number problems	 Tell, record, v analogue and o clocks with ron minute Measure, calo Know the nur days in each m Compare dur 	write and order t digital, 12-hour, nan numerals to culate and com mber of seconds nonth, year and ations of events	the time 24-hour and the nearest pare durations s in a min, leap year	 Count up Add, subt Recognis equivalent Recognis discrete se Recognis 	and down in ract, compar e and show, fractions with e, find and w t of objects e and use fra blems involvi	and underst e and order t using diagra small denot rite fractions actions as nu	and 10ths fractions ms, minators of a mbers above

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 8	Week 9	Week 10
L		Shape		Mea	sure	Money	Addition	and Subtraction	on Recap
me	 Identify angle 	s including right	t angles and	 Read scales w 	vith different	Add and	• Estimate the answer to a calculation and		
E	recognise as a	quarter of a tur	n	intervals when r	measuring	subtract amounts	use inverse to	check	
Su	 Identify and c 	draw parallel, pe	rpendicular,	mass and volun	ne	of money to give	 Recap colum 	n methods	
	horizontal and	vertical lines		 Weigh and cor 	mpare masses	change using	 Solve missing 	number proble	ms using more
	• Draw/make, o	classify and corr	pare 2-D and	and capacities v	with mixed units	both £ and p in	complex addition	on and subtraction	on
	3-D shapes	-	-	Estimate mass	s and capacity	practical contexts	 Introduce rou 	nding to the nea	rest 10



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 9	Week 10	
		Place Value		Additio Subtra	n and ction	Multiplication	and Division	Coordinates & Translation		
Autumn	 Place value of 4 Read, write, repnumbers Find 10, 100 or Round to the new Count backward 	Place value of 4-digit numbers Read, write, represent, order and compare 4-dig numbers Find 10, 100 or 1000 more or less than a numbe Round to the nearest 10, 100 or 1000 Count backwards through zero including negativ	compare 4-digit s than a number 1000 cluding negative	 Column a and subtraction to 4-digits Estimate a inverse to c Solve add 	ddition ction up and use check lition and	 Recall multiplication Use known facts to mentally, including by Multiply three number Recognise and use calculations 	facts up to 12 x 12 multiply and divide 1 and 0 ers together factor pairs in	 Describe point 2D grid as control 2D grid as control 10 point 10 point<th>ositions on a pordinates in frant anslations of coordinate grid ed points and</th>	ositions on a pordinates in frant anslations of coordinate grid ed points and	
	 Read Roman n 	umerals to 100 (I	to C)	problems in	2-step n context	 Understand community problems 	tativity to solve	draw to compolygon	plete a given	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	
	Fract	tions		Time	e Decimal				Statistics	Area & Perimeter		
Spring	 Recognise and s diagrams, equivale Count up and do Add/subtract fractsame denominato Solve problems in 	FractionsTimenise and show using s, equivalent fractions up and down in hundredths abtract fractions with the enominator problems involving fractions• Read and write tim using analogue and digital clocks, 12- ho and 24-hour • Convert between units of time		e time and 2- hour een	 Decimal eq hundredths, Compare a same numbe Multiply and Round dec nearest who 	uivalents to te quarters and nd order num of decimal p d divide by 10 mals with 1dp e number	enths, halves bers with places) and 100 p to the	 Interpret and present discrete data using bar charts and time graphs Solve problems involving graphs 	 Perimeter rectangles a rectilinear s Area of re and rectiline Investigate perimeter 	of and hapes ctangles ear shapes e area and		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	
er	Multipl	ication	Sha	ape and Symme	etry	Mea	sure	Problem Solving			
Summ	• Short multip (2-digit/3-digit	MultiplicationShape and SymmetryShort multiplication (2-digit/3-digit x 1-digit)• Classify, compare and order angles • Compare and classify 2-D shapes quadrilaterals and triangles 			ngles ipes including al figure	 Convert un measure Estimate, c and calculate measures 	its of compare e different	Solve proble the Year 4 cu	ems involving a rriculum	II areas of	



Autumn	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	
	Place Value			Addition and Subtraction		Line Graphs and Timetables		Multiplication and Division			
	 Read, write numbers up Round num the nearest Count forw to one millio Read Rom 	e, order and co to one million nbers within o multiple of pov rards and bach n an numerals o	ompare ne million to wers of ten wards up up to M	 Use a range of mental calculation strategies to add and subtract integers Written method of column addition and subtraction Use rounding to estimate and check answer 		 Complete, reinterpret data line graphs Read and in timetables inconstruction 	ead and presented in terpret cluding tervals	 Identify multiples and factors Investigate prime numbers Multiply and divide by 10, 100 and 1000 Understand squared and cubed numbers Illustrate and explain formal multiplication and division strategies (short and long multiplication, short division) 			

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	Perimeter	and Area	Fra	actions and Decima	Ang	gles	Fractions and Percentages			
Spring	 Measure and calculate the perimeter of rectilinear shapes Calculate and compare 		 Represent, identif fractions (including Identify, name and Convert between 	y, name, write, order improper and mixed d write equivalent fra mixed numbers and	 Classify, co order angles Measure a angles with 	ompare and draw a protractor	 Add, subtract fractions with denominators that are multiples of the same number Multiply fractions (and mixed 			
	and estimate irregular sha • Estimate vo	ectangles the area of pes blume	 Read and white decimal numbers as fractions Recognise and use fractions and relate to thousandths Round decimals to the nearest whole number and 1dp Compare decimals with up to 3dp 			Onderstand and use angle facts to calculate missing angles		 • Explore percentage, decimal, fractions equivalence 		

Summer	Week 1 Week 2		Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	Transformations		Converting units of measure		Calculating with w decir	2D and 3D Shape		Multiplication and Division		
	• Translation and reflection • Calculate intervals across zero as a context for negative numbers		 Convert between metric units of length, mass and capacity and units of time Know and use approximate conversion between imperial and metric 		 Multiply and divide by involving decimals Derive multiplication decimals Solve problems invol to 3dp 	 Classify 2D and 3D shapes 2D representations of 3D shapes 		Long multiplication Short division (4- digit ÷ 1-digit) with understanding of remainders		



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
		Place Value		Multip	Long Division		Calculation Problems			
Autumn	 Represent, compare nun Round num use this to so Solve multi- addition and Use negativa across zero 	read, write, or nbers up to ten bers, make es olve problems step problems subtraction re numbers ar	der and n million stimates and in context s involving nd calculate	 Identify and us focusing on prir Multiply larger using a range o Divide integer representing re Recap short d short multiplication 	e properties of n mes integers and de f strategies s by 1-digit and 2 mainders approp livision, long mul tion	umber, cimal numbers 2-digit numbers oriately tiplication and	 Introduce formal writ method of division Interpret remainder numbers, for by roun 	e the ten long s as whole fractions ding	 Understand th brackets Use knowledg of operations to calculations 	e use of le of the order carry out

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	Fractions		Percentages		Measure	Sha	аре	Statistics		
Spring	 Order, s compare those gree Recall e between and decir Add and Represe involving Multiply fractions Divide a integer Multiply whole nu Multiply numbers 	simplify and fractions, i eater than o equivalence common fi mals d subtract f ent multipli fractions two prope a fraction b / decimals mbers and divide by 10, 100	d including one actions fractions cation r y an by by 0, 1000	 Calculate compare period compare period factions Connect percentage fractions fractions depinent fractions, depinent and percent 	and ercentages s with e e of ecimals tages	 Use, read, write and convert between standard units of measures; length, mass, time, money and volume as well as imperial units Convert between miles and km 	 Draw a range of g using given dimens Describe positions coordinate grid Describe, draw, tra shapes on a co-ord Recognise and co Name and illustrat Compare and class geometric shapes Use angle facts to angles Calculate the area and triangles Calculate, estimat volume of cuboids 	eometric shapes ions and angles s on the full anslate and reflect inate plane nstruct 3-D shapes to parts of a circle sify a range of find unknown of parallelograms e and compare the	 Calculate the r Construct and graphs and pie Compare pie of Use fractions to proportion Identify ratio a between quantities scale factor Unequal sharing ratio Express missing problems algebois Solve equationg unknown values 	mean interpret lines charts charts to express s a relationship ties and as a ng involving ng number raically ns with