

	A	Autumn Term			Spring Term		S	ummer Term	
THRIVE VALUES	Team – We wo mathematical each other to r opportunities t and different v same question Healthy – We s mental calcula learning to rea measurements fractions may l	challenges. W make progres to share unde ways of appro ns. tretch our mi ations. We car al-life situation s, time, ratios	/e support s. We have erstanding baching the nds with apply our ns where and	tcalculations and use different methods to check our answers. We are honest and oth reflective when correcting mistakes. We take care to set out work clearly and systematically.oth whInnovative – We consider a range of methods for calculating, to find ways which suit us best or are most appropriate for each task. WeEm		Valued – We tal thinking and sh others' reasoni understanding. which help us t Empathetic – W others make er learn from mist	are ideas. We ng to develop We look after o learn. e are kind and rors. We unde	listen to our own r resources	
	l	Unit outcome			Unit Outcome	.,		Unit Outcome	
	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary
Nursery	*See WRM Nursery Overview Reciting numbers, number songs and using fingers to show numbers. Comparison 1 more than, fewer than, same Shape, space and measure Pattern 1Explore/repeats Counting 1 Hear and say number names Counting 2 Begin to order number names Subitising I see 1,2 3 Pattern 2 Join in with repeats Pattern 3 Explore patterns Shape, space and measure 2		Sub Coun Sub Comparison Patte	WRM Nursery Over oitising 2- Show me 2 ting 3-Move & Label itising 3-Talk about o 2- Compare and so rn 4- Lead on own re ison 3- Match, sort,	L 2 3 I 2 3 dots t collections epeats	*See WRM Nursery Overview Space, Shape & Measure 3- Explore position and ro Counting 4- Take & give 1 2 3 Shape Space Measure 4- Match, talk, push and p Shape Space Measure 5- Start to puzzle Pattern 5- Making patterns together Subitising 4- Make games & actions Counting 5- Show me 5 Pattern 6- My Own Pattern Counting 6- Stop at 1 2 3 4 5		osition and routes 1 2 3 k, push and pull to puzzle together actions 5 tern	
Reception		Unit outcome			Unit Outcome			Unit Outcome	



Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary
Block 1 – Match, s Match objects, Ma objects, Identify a to a type, Explore s techniques, Create Compare amounts Block 2 – Talk abo pattern Compare size, Cou Compare capacity patterns, Copy and patterns, Create s Block 3 – It's me 1 Find 1, 2 and 3, St Represent 1, 2 and less, Composition Block 4 – Circles a Identify and name triangles, Shapes environment, Desc Block 5 – 1, 2, 3, 4 Find 4 and 5, Subi Represent 4 and 5 Composition of 1– Block 6 – Shapes Identify and name sides, Combine sh Shapes in the envir and night	tch pictures and set, Sort objects sorting e sorting rules a <u>sorting rules</u> <u>tout measure and</u> mpare mass, , Explore simple d continue simple imple patterns <u>, 2, 3</u> ubitise 1, 2 and 3, d 3, 1 more, 1 of 1, 2 and 3 <u>and triangles</u> circles and e circles and e circles and e circles and in the cribe position <u>4, 5</u> tise 4 and 5, 5, 1 more, 1 less, and 5, 5 <u>with 4 sides</u> shapes with 4 apes with 4 sides		Double to 8 (find a to 8 (make a doubl groups, Conceptua <u>Block 4 – Length, 1</u> Explore length, Co Explore height, Co Talk about time, O time <u>Block 5 – Building</u> Find 9 and 10, Cor 10, Represent 9 ar subitising to 10, 1 Composition to 10 parts), Make arran Bonds to 10 (3 par	d 0 to 5, Subitise 0 to 5, 1 more, 1 , Conceptual d capacity nd a balance, Compare capacity 6, 7, 8 epresent 6, 7 and Composition of 6, rs – odd and even , double), Double le) Combine two al subitising height and time mpare length, mpare height, rder and sequence 9 and 10 more, 1 less, , Bonds to 10 (2 gements of 10, ts), Doubles to 10 ubles to 10 (make even and odd 3-D shape me 3-D shapes, vithin 3-D shapes, r tasks, 3-D ronment, Identify erns, Copy and		Block 1 – To 20 and Build numbers beyo continue patterns b Build numbers beyo Continue patterns b 20), Verbal counting verbal counting patt Block 2 – How many Add more, How many away, How many dia Block 3 – Manipulat decompose Select shapes for a p shapes, manipulate shapes, decompose 2D picutres, find 2D 3D shapes. Block 4 – Sharing and Explore sharing, sha grouping, grouping, sharing, play with and Block 5 – Visualise, I Identify units of rep create own, explore rules, replicate and constructions, visua different positions, give instructions, visuadifferent positions, find positions, give instructions explore mapping, re with models, create familiar places and fisituations Block 6 – Make Con	nd 10 (10-13), eyond 10 (10-13), ind 10 (14-20) beyond 10 (14- g beyond 20, terns. <u>/ now?</u> ny did I add? Take d I take away? <u>e, compose and</u> ourpose, rotate shapes, explain , compose shampes, copy shapes within <u>d Grouping</u> ring, explore even and odd nd build doubles <u>build and map</u> eating patterns, own pattern build scenes and lise from describe uctions to build, epresent maps own maps from from story	



							Deepen understand relationships	ding, patterns and	
		Unit outcome	L		Unit Outcome	L		Unit Outcome	L
	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary
Year One	Place Value Sort objects, Cour Count objects from Represent objects numbers as words any number, 1 mo backwards within Compare groups b Fewer, more, sam greater than, equa numbers, Order ol numbers, The num Addition and Introduce parts an whole model, Writ sentences, Fact fa facts, Number bonds to together, Addition Addition problems Subtraction - find a families - the eight - take away/crossi left?), Subtraction many left?), Subtra number line, Add of Shapes, Patterns with 2-D	n a larger group , Recognise a, Count on from re, Count 10, 1 less by matching e, Less than, il to, Compare ojects and ober line Subtraction d wholes, Part- e number imilies - addition ds within 10 er bonds within 10 for bonds within 10 add more , Find a part a part, Fact facts, Subtraction ng out (How many - take away (How action on a or subtract 1 or 2 ape me 3-D shapes, Recognise and Sort 2-D shapes,	Place Value (10)One to ten inwords,compare, sortorder, amount,size, number,count,counting,forwards,backwards,count on,countback,greater than,less than, digit,number line,larger/largest,bigger / biggest,smaller/smallest, more/ more than,less / less than,fewer/fewerthan, equal/equal to.Addition andSubtractiontotal / in total,sum, plus, add /addition,subtract /subtraction,altogether,number bond,minus, part,	Count within 20, U Understand 11, 12 Understand 14, 15 17, 18, 19, Unders and 1 less, The nu Use a number line a number line to 2 numbers to 20, Or <u>Addition and Su</u> 2 Add by counting 0 ones using number make number bon Near doubles, Sut number bonds, Su counting back, Su the difference, Rel number problems <u>Place value</u> Count from 20 to 5 50, Count by maki Groups of tens an into tens and ones to 50, Estimate on 50, 1 more, 1 less <u>Length a</u> Compare lengths Measure length in	2 and 13, 5, 16, Understand stand 20, 1 more imber line to 20 to 20, Estimate on 0, Compare der numbers to 20 btraction (within 0) n within 20, Add re bonds, Find and ds to 20, Doubles otract ones using ibtraction – finding lated facts, Missing c (within 50) 50, 20, 30, 40 and ng groups of tens d ones, Partition s, The number line a number line to nd Height and heights, sing objects, n centimetres. d Volume r, Measure mass ull and empty Measure capacity,	Place value (20) Eleven- twenty in words, estimate, compare, order, see all other key vocab in autumn term. Addition and Subtraction Doubles, near doubles, near doubles, mear doubles, near doubles, fact families See all other key vocab in autumn term. Place value (50) Twenty- fifty in words, groups, grouping, tens, ones, partition. See all other key vocab in autumn term. Length and Height, long, longer, longest,	Multiplication Count in 2s, Count in 3 Recognise equal group groups, Make arrays, Make equal groups – ; equal groups – sharin; Fract Recognise a half of an objec Recognise a half of an objec Recognise a half of a o of a quantity, Recogni object or a shape, Fin- object or a shape, Rec a quantity, Find a qua <u>Position and</u> Describe turns, Descri and right, Describe pc and backwards, Descr and below, Ordinal nu <u>Place Value (</u> Count from 50 to 100 Partition into tens and line to 100, 1 more, 1 numbers with the san Compare any two nur <u>Mor</u> Unitising, recognise notes, count in coir <u>Tim</u> Before and after, I Months of the yea	10s, Count in 5s ps, Add equal Make doubles grouping, Make g ions object or a shape, quantity, Find a half ise a quarter of an d a quarter of an d a quarter of an orgnise a quarter of rter of a quantity d Direction be position – left osition – forwards ibe position – left osition – forwards ibe position – above umbers within 100) , Tens to 100 d ones, The number less, Compare ne number of tens, mbers ne coins, recognise ns.	Multiplication and divisionEqual, equally, Unequal, pairGroup, groupedlots of groups of, times, array regroup, regrouping, twos, fives, tens, pattern, jumps, odd, evenFractions half, halves, quarter quarters, grouping, part, whole, equal parts, same size Position Left, right, top Middle, bottom on top of, in front of, behind, between, above below, beneath, around.Place Value (100) Numbers fifty one to one- hundred See all other key vocab in autumn and spring term place value units



			whole, number			tall, taller,	and seconds, Tell	the time to the	Money
			sentence.			tallest, short,	hour, Tell the time		coin, notes
			Shape			shorter,	, , , , , , , , , , , , , , , , , , ,		amount, penny
			2-D, 3-D,			shortest			pound, one
			rectangle,			wide, wider,			pence, two
			square, circle,			widest,			pence, five
			triangle, cube,			narrow,			pence, ten
			cuboid,			narrower, non-			pence, twenty
			pyramid,			standard units			pence, fifty
			cylinder,			of measure,			pence,
			sphere,			ruler,			combination,
			side,line			centimetres,			money
			straight,			cm, measure,			<u>Time</u>
			curved,			accurate			Before, after, all
			flat, shape,			Mass and Volume			days of the
			corner, base,			Weigh, weight			week, all
			point, pattern			Heavy, heavier,			months of the
						heavier than,			year, day, week,
						light, lighter,			month, minute,
						lighter than,			second,
						lightest,			tomorrow,
						balance, ruler,			yesterday,
						volume, full,			morning,
						fuller, fullest,			afternoon,
						almost full,			evening, time,
						nearly full			clock, watch,
						empty, almost			O'clock, half
						empty, nearly			past.
						empty , half full,			
						capacity			
		Unit outcome			Unit Outcome			Unit Outcome	
	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary
	Place	Value	Place Value	Mo	ney	Money	Fracti	ons	Fractions
	Numbers to 20, C	ount objects to		Count money – pe	ence, Count	Price, cost,	Introduction to part	s and whole,	two-quarters,
Year Two	100 by making 10	s, Recognise tens	place value	money - pounds (notes and coins),	amount, change	Equal and unequal p	oarts, recognise a	third, one-third
	and ones,		partition,	Count money - po	unds and pence,	value	half, find a half, reco	ognise a quarter,	two-thirds,
	Use a place value	chart, Partition	greater than,	choose notes and	coins, Make the		find a quarter, recog	gnise a third, find	equivalent,
	numbers to 100, N	Write numbers to	less than,	same amount, co	mpare amounts of		a third, Find the wh	ole, Unit	one whole, one
	100 in words, Flex	kibly partition	partition, parts,	money, calculate	with money, make	Multiplication and Division	fractions, Non-unit		and a quarter,
			whole,				Recognise the equiv	alence of a half	one and two-





		Unit outcome			Unit Outcome			Unit Outcome	
	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary
Year Three		Value Value rs to 100, Number reds, represent , Partition , Flexible mbers to 1000, nd ones, find 1, r less, Number mating on a 000, Compare , Order numbers 50s. Subtraction nds within 10, 1s, Add and and subtract ttern, Add 1s .0s across a 100, s a 10, Subtract Make two numbers two numbers, number from a omplements to wers, Inverse decisions. and Division qual groups, Use	Vocabulary Place Value one hundred and one up to one thousand in words, Addition and Subtraction Addition, column subtraction, inverse, operations, exchange Multiplication and Division	Multiplicatio Multiples of 10, R calculations, reaso multiplication, mu number by a 1-dig exchange, multipl by a 1-digit numb exchange, Link mu division, divide a 2 a 1-digit number - divide a 2-digit nu number – flexible Divide a 2-digit nu number – with re How many ways? <u>Length and</u> Measure in metre centimetres, Meas centimetres, Meas centimetres, and re Metres, centimet millimetres), Com lengths, subtract perimeter? Measure Calculate perimet	n and Division elated oning about ultiply a 2-digit git number – no ly a 2-digit number er – with ultiplication and 2-digit number by – no exchange, umber by a 1-digit partitioning, umber by a 1-digit minders, Scaling, d Perimeter es and sure in millimetres, res and valent lengths metres), s (centimetres and upare lengths, add lengths, what is ure perimeter, rer. tions enominators of mpare and order derstand the n-unit fractions, vhole, Compare	Vocabulary <u>Multiplication</u> <u>and Division</u> Link multiplication, flexible partitioning, reminders, scaling. <u>Length and</u> <u>Perimeter</u> Perimeter, length millimetre / mm Centimetres /cm <u>Fifths, sixths</u> Sevenths, eighths Ninths, tenths Order, unit- fraction, non- unit fraction, equivalent, continuous	Knowledge Fracti Add fractions, subtr Partition the whole, a set of objects, Noi a set of objects, Noi a set of objects, Rea fractions of an amo Mor Pounds and pence, and pence, add mon money, Find change Tim Roman numerals to to 5 minutes, Tell th minute, read time of Use am and pm, Yei days, Days and hou minutes – use start Hours and minutes Minutes and second Solve problems with Sha Turns and angles, R compare angles, Mu accurately, Horizon Parallel and perpen Recognise and desc draw polygons, Rec describe 3-D shapes shapes. Statis Interpret picto pictograms, Inter Draw bar chart represent data, T	ions ract fractions, , Unit fractions of n-unit fractions of asoning with unt. Dev Convert pounds ney, subtract e. De 12, Tell the time ne time to the on a digital clock, ars, months and rs, Hours and and end times, – use durations, ds, Units of time, h time. Pe ight angles, easure and draw tal and vertical, dicular, rribe 2-D shapes, ognise and s, Make 3-D stics ograms, Draw pret bar charts, is, Collect and	Vocabulary Fractions See vocab introduced in yr. 3 fractions spring term Money See vocab introduced in yr. 1/2 Time Roman numerals to XII am, pm, duration, analogue clock, digital, digital clock, 12-hour clock, 24-hour clock, event leap year, intervals Shape Orientation, degrees, angle right angle, perpendicular parallel, horizontal, vertical, quadrilateral, polyhedron, polyhedral, acute angle, obtuse angle, reflection,



	5 and 10, Sharing and groupir Multiply by 3, Divide by 3, The times-table ,Multiply by 4, Div by 4, The 4 times-table, Multi by 8, Divide by 8, The 8 times table, The 2, 4 and 8 times-table Unit out	e 3 multiplication, vide divisible ply - bles.	number line, Cou number line, Equ on a number line fractions as bar m <u>Mass an</u>	, Equivalent nodels. d Capacity ure mass in grams, kilograms and t masses rams), Compare btract mass, and volume in re capacity and nd millilitres, ities and volumes res), Compare me, Add and	Mass and Capacity gram / g kilogram / kg litre / I millilitre / ml		Unit Outcome	orientation, three- dimensions, right-angle, triangle <u>Statistics</u> bar chart, block graph, scale, title, interpret, frequent, survey, discrete data, continuous data, label, inferring
	Knowledge Skills		Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary
Year Four	Place Value Represent numbers to 1,0 Partition numbers to 1,00 Number line to 1,000 Thous Represent numbers to 10,0 Partition numbers to 10,0 Flexible partitioning of numb 10,000 Find 1, 10, 100, 1,000 or less Number line to 10,0 Estimate on a number line 10,000 Compare numbers 10,000 Order numbers to 10 Roman numerals Round to nearest 10 Round to the nearest 100 Round to the nearest 1, Round to the nearest 10, 10 1,000	DORomanandsnumeralsDOO(up to 100 / C)DOOnegativeers tonumbersmorepositiveDOOnumberstonearesttothousand0,000four-digitthearest000low	Factor pairs L Multiply by 10 Divide by 10 Divi facts – multiplic Informal writt multiplication 1 number by a Multiply a 3-dig digit number number by a 1- Divide a 2-digit n number (2) Divid by a 1-dig Correspondence	and Division (B) Jse factor pairs Multiply by 100 ide by 100 Related ation and division een methods for Multiply a 2-digit 1-digit number it number by a 1- Divide a 2-digit -digit number (1) umber by a 1-digit e a 3-digit number git number problems Efficient dication		Decima Make a whole with whole with hundr decimals Flexibly pa Compare decimals Round to the neare Halves and quarte Mon Write money using between pound Compare amou Estimate with mone money Solve proble Tim Years, months, w Hours, minutes and	n tenths Make a redths Partition artition decimals Order decimals st whole number ers as decimals ey decimals Convert ds and pence nts of money ey Calculate with ems with money e reeks and days	Time convert conversion Shape classify nonagon / nonagons decagon / decagons isosceles



Addition and Subtraction	Addition and	Length and Perimeter	Length and	between analogue and digital times	scalene
Add and subtract 1s, 10s, 100s and	Subtraction	Measure in kilometres and metres	Perimeter	Convert to the 24 hour clock Convert	equilateral
1,000s Add up to two 4-digit		Equivalent lengths (kilometres and	rectilinear	from the 24 hour clock	parallelogram /
numbers - no exchange Add two 4-	operation /	metres) Perimeter on a grid	figure		parallelograms
digit numbers - one exchange Add	operations	Perimeter of a rectangle Perimeter	area	Shape	trapezium /
two 4-digit numbers- more than	methods	of rectilinear shapes Find missing	dimensions	Understand angles as turns Identify	trapeziums
one exchange Subtract two 4-digit	factor	lengths in rectilinear shapes	kilometre / km	angles Compare and order angles	protractor
numbers - no exchange Subtract	factor pairs	Calculate the perimeter of		Triangles Quadrilaterals Polygons	adjacent
two 4-digit numbers - one	derive	rectilinear shapes Perimeter of		Lines of symmetry Complete a	regular
exchange Subtract two 4-digit	distributive law	regular polygons Perimeter of		symmetric figure	irregular
numbers – more than one		polygons			rhombus /
exchange Efficient subtraction				Statistics	rhombuses
Estimate answers Checking		Fractions	Fractions	Interpret charts Comparison, sum	geometric
strategies		Understand the whole Count	hundredths	and difference Interpret line graphs	shapes
		beyond 1 Partition a mixed number	decimal	Draw line graphs	internal angle
		Number lines with mixed numbers	equivalents		congruent
Area		Compare and order mixed numbers	decimal places	Position and Direction	1
What is area? Counting squares		Understand improper fractions	decimal point	Describe position using coordinates	Statistics
Make shapes Compare area		Convert mixed numbers to	proportion	Plot coordinates Draw 2-D shapes on	label
		improper fractions Convert	convert	a grid Translate on a grid Describe	graph
		improper fractions to mixed	proper fractions	translation on a grid	time graph
Multiplication and Division		numbers Equivalent fractions on a	improper		x-axis
Multiples of 3 Multiply and divide		number line Equivalent fraction	fractions		y-axis
by 6 6 times-table and division		families Add two or more fractions			line graph
facts Multiply and divide by 9 9		Add fractions and mixed numbers			inferring
times-table and division facts The		Subtract two fractions Subtract			variable
3, 6 and 9 times-tables Multiply		from whole amounts Subtract from			1
and divide by 7 7 times-table and		mixed numbers			Position and
division facts 11 times-table and					Direction
division facts 12 times-table and		Decimals (A)			co-ordinates
division facts Multiply by 1 and 0		Tenths as fractions Tenths as			pairs of
Divide by 1 and itself Multiply		decimals Tenths on a place value			coordinates/
three numbers		chart Tenths on a number line			coordinate pairs
		Divide a 1-digit number by 10			first quadrant
		Divide a 2-digit number by 10			plot
		Hundredths as fractions			grid
		Hundredths as decimals			translate
		Hundredths on a place value chart			translation
		Divide a 1 or 2-digit number by 100			axis / axes
					scale
					label
					x-axis



									y-axis
		Unit outcome			Unit Outcome			Unit Outcome	
	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary	Knowledge	Skills	Vocabulary
	Place	Value	Place Value	Multiplication a	and Division (B)		Sha	pe	Shape
	Roman nume	erals to 1,000	ten thousand	Multiply up to a 4-	-digit number by a		Understand and us	e degrees Classify	diagonal
	Numbers to 10,		hundred	1-digit number N	Multiply a 2-digit		angles Estimate a	angles Measure	point
	100,000 Numbe	ers to 1,000,000	thousand	number by a 2-di	igit number (area		angles up to 180°	Draw lines and	reflection
	Read and writ	te numbers to	millions	model) Multiply a	2-digit number by		angles accurately		straight line
	, ,	owers of 10	Roman	a 2-digit number			around a point Calo	-	(180º)
	10/100/1,000/2		numerals	number by a 2			straight line Lengt	-	one whole turn
		tition numbers to	(up to 1000 /	Multiply a 4-digit			shapes Regular	-	(360º)
	1,000,000 Nu		M)	digit number Solv	•		polygons 3-	-D shapes	reflex angle
	1,000,000 Com	•	power / powers		ort division Divide				regular polygon
	numbers to 100,0	•	of	a 4-digit numb					irregular
		1,000,000 Round	prime number		with remainders		Destation		polygon
	to the nearest 1 Round within 1		complement	Efficient division			Position and Read and plot coor		angles around a point
	within 1		composite (non-prime)	with multiplicat			solving with coordir		missing angle
	within T	,000,000	square number	Fractio	ans (B)	Fractions,	Translation with co		diagonal
Year Five	Addition and	Subtraction	square /	Multiply a unit	• •	Decimals and	symmetry Reflect		net
	Mental strateg		squared / (d) ²	integer Multiply a		Percentages	and vertic		net
		more than four	cube number		fultiply a mixed	mixed numbers			Position and
		whole numbers	cube / cubed /	number by an int		thousandths	Decin	nals	Direction
		four digits Round	(d) ³		tity Fraction of an	per cent / %	Use known facts to	add and subtract	x-axis
	to check ans	wers Inverse	integer	amount Find t	the whole Use	percentages	decimals within 1 C	omplements to 1	y-axis
	operations (addition and	nearest million	fractions as	s operators		Add and subtract o	lecimals across 1	y and
	subtraction) Mu	Ilti-step addition	nearest				Add decimals with	the same number	
	and subtract		hundred		l Percentages	Statistics	of decimal places S	ubtract decimals	
	Compare calculat	tions Find missing	thousand	Decimals up to 2		timetables	with the same nu	mber of decimal	
	num	ibers	linear sequence	Equivalent fraction		two-way tables	places Add decima		
			equivalence	(tenths) Equivale		axis	numbers of decima	•	
				decimals (hundre		pie chart	decimals with diffe		
			Multiplication		mals Thousandths		decimal places Effic	-	
	Multiplication a		and Division		housandths as		adding and subtr		
	Multiples Com		prime factor		indths on a place		Decimal sequence		
		on factors Prime	common factor	value chart Ord	•		100 and 1,000 Divid	· ·	
		e numbers Cube	short division	decimals (same n			1,000 Multiply and		
	numbers Multip	iy by 10, 100 and	long multiplication	places) Order an decimals with u	• •		missing	values	
			multiplication		up to 5 declinal				

Saved in Teacher / Curriculum / Subject Leader Info



	1,000 Divide by 10 Multiples of 10, Fracti Find fractions equ fraction Find fract to a non-unit frac equivalent fract improper fract numbers Convert to improper frac fractions less than order fractions less than order fractions less than order fractions grea and subtract frac same denominato within 1 Add frac greater than 1 A number Add two Subtract fractions mixed number S mixed number S mixed number S	100 and 1,000 ions ivalent to a unit tions equivalent ction Recognise tions Convert ions to mixed mixed numbers tions Compare than 1 Order 1 Compare and eater than 1 Add ctions with the or Add fractions tions with total Add to a mixed mixed numbers Subtract from a - breaking the ct two mixed	dividend divisor	number Round to Understand Percentages Percentages as de fractions, decimal Perimeter Perimeter of rect of rectilinear sha polygons Area of compound shap Stat Draw line gra interpret line g interpret tables	the nearest whole o 1 decimal place percentages as fractions ecimals Equivalent s and percentages and Area cangles Perimeter of rectangles Area of es Estimate area istics phs Read and raphs Read and Two-way tables pret timetables		Negative N Understand negativ through zero in 1s zero in multiples Co negative numb differe Convertin Kilograms and kilom and millilitres Conve Convert betwee imperial units Conv Calculate with Calculate with Cubic centimetres C Estimate volume E	e numbers Count count through impare and order pers Find the ence g Units netres Millimetres ert units of length en metric and vert units of time timetables me Compare volume	Converting Units pound / lb composite metric units Imperial units inch / inches / in foot / feet / ft yard mile centimetre squared (cm ²) metre squared (m ²) compound shape Volume pint / pt centimetres cubed (cm ³) metres cubed (m ³)
Year Six		Unit outcome Skills /alue	Vocabulary Place Value millions	-	Unit Outcome Skills tio Iy? Using ratio	Vocabulary Ratio times as many	Knowledge Shap Measure and cl		Vocabulary Shape dissect /
	10,000,000 Re numbers to 10,000 10 Number line Compare and ord	ad and write 0,000 Powers of to 10,000,000	ten million interval multi-digit	language Introdu symbol Ratio an	iction to the ratio d fractions Scale ale factors Similar	per for every relative size scale factor	Calculate angles Ve angles Angles in a tr triangle – special c triangle – missing	ertically opposite iangle Angles in a rases Angles in a	dissect 7 dissection net radius diameter

Saved in Teacher / Curriculum / Subject Leader Info



Round any integers Negative		shapes Ratio problems Proportion	proportion	quadrilaterals Angles in polygons	circumference
numbers		problems Recipes	ratio (a:b)	Circles Draw shapes accurately Nets	vertically
			comparison	of 3-D shapes	opposite
Addition, Subtraction,	Addition,	Algebra	scaling		complementary
Multiplication and Division	Subtraction,	1-step function machines 2-step	scale factor	Position and Direction	angles
Add and subtract integers	Multiplication	function machines Form	part to part	The first quadrant Read and plot	dimensions
Common factors Common	and Division	expressions Substitution Formulae	part to whole	points in four quadrants Solve	composite
multiples Rules of divisibility	long division	Form equations Solve 1-step		problems with coordinates	exterior angle
Primes to 100 Square and cube	common	equations Solve 2-step equations	Algebra	Translations Reflections	intersect
numbers Multiply up to a 4-digit	multiples	Find pairs of values Solve problems	symbol		
number by a 2-digit number Solve	order of	with two unknowns	letter		Position and
problems with multiplication Short	operations		sequence		Direction
division Division using factors	brackets	Decimals	algebraic /		co-ordinate
Introduction to long division Long	abstract	Place value within 1 Place value –	algebraically		plane
division with remainders Solve	variables	integers and decimals Round	equation		four quadrants
problems with division Solve multi-	BIDMAS	decimals Add and subtract decimals	unknown		
step problems Order of operations		Multiply by 10, 100 and 1,000	variable		
Mental calculations and estimation		Divide by 10, 100 and 1,000	constant		
Reason from known facts		Multiply decimals by integers Divide	generalise		
		decimals by integers Multiply and	expression		
Fractions (A)	Fractions	divide decimals in context	rule		
Equivalent fractions and	simplify		combinations		
simplifying Equivalent fractions on	degrees of	Fractions, Decimals and			
a number line Compare and order	accuracy	Percentages			
(denominator) Compare and order		Decimal and fraction equivalents	_		
(numerator) Add and subtract		Fraction as division Understand	Perimeter, Area		
simple fractions Add and subtract		percentages Fractions to	and Volume		
any two fractions Add mixed		percentages Equivalent fractions,	cubed (mm ³)		
numbers Subtract mixed numbers		decimals and percentages Order	centimetres		
Multi-step problems		fractions, decimals and percentages	cubed (cm ³)		
(-)		Percentage of an amount – one	metres cubed		
Fractions (B)		step Percentage of an amount –	(m ³)		
Multiply fractions by integers		multi-step Percentages – missing	gallons		
Multiply fractions by fractions		values	.		
Divide a fraction by an integer			Statistics		
Divide any fraction by an integer		Perimeter, Area and Volume	pie chart		
Mixed questions with fractions		Shapes – same area Area and	mean		
Fraction of an amount Fraction of		perimeter Area of a triangle –	average		
an amount - find the whole		counting squares Area of a right-	data set		
	.	angled triangle Area of any triangle	variable		
Converting Units	Converting	Area of a parallelogram Volume –	conversion		
	Units	counting cubes Volume of a cuboid	graph		

Saved in Teacher / Curriculum / Subject Leader Info



Metric measures Convert r	netric stones		convert	
measures Calculate with n	netric ounces	Statistics		
measures Miles and kilom	etres millimetres	Line graphs Dual bar charts Read		
Imperial measures		and interpret pie charts Pie charts		
		with percentages Draw pie charts		
		The mean		