



ear 6 Autumn Te	erm				Teal Oliv	0		TOGETHER WE GROW						
	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	Place value and rounding Negative numbers			Addition and s (written me worded pr	Multiplication	Fractio		[/] addition/ subtr lication)	action/					
Priority	between po to 10 million number 10, hundredth o (multiply an 6NPV–2 Rec digit in num decimal frac decompose standard an 6NPV–3 Rea number up fractions, in	derstand the relat owers of 10 from 1 n, and use this to r 100, 1,000, 1 tent or 1 thousandth tin d divide by 10, 10 cognise the place v ibers up to 10 mill ctions, and compo numbers up to 10 d nonstandard pa ason about the loc to 10 million, inclu the linear numbe	hundredth make a given th, 1 mes the size 0 and 1,000). value of each ion, including se and 0 million using rtitioning. ation of any uding decimal r system, and	 worded problems) 6AS/MD–1 Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number). 6AS/MD–2 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding. 6AS/MD–4 Solve problems with 2 unknowns. 						 6F–1 Recognise when fractions can be simplified, and use common factors to simplify fractions. 6F–2 Express fractions in a common denomination and use this to compare fractions that are similar in value. 6F–3 Compare fractions with different denominators, including fractions greater than 1, using reasoning, and choose between reasoning and common denomination as a comparison strategy. 				
National Curriculum	up to 10 000 of each digit • round any v degree of ac • use negative calculate int	vhole number to a ccuracy e numbers in cont tervals across zerc er and practical pr	ine the value required ext, and	 which operati solve problem multiply mult using the form divide number formal written number remainders and ortext divide number written methor remainders and perform menor numbers use their know involving the solve problem use estimatio 	ons and meth ns involving ac i-digit number nal written me rs up to 4 digi n method of lo inders, fractic rs up to 4 digi od of short div cording to the cording to the tal calculation wledge of the four operation ns involving m n to check ans	ods to use and dition, subtract rs up to 4 digits ethod of long m ts by a two-digion ong division, and ons, or by round ts by a two-digivision where ap e context s, including with order of operators ultiplication and swers to calcula	ion by a two-digit wh ultiplication t whole number d interpret remain ing, as appropria t number using t propriate, interpro- n mixed operation ions to carry out d division tions and determ	nole number using the inders as whole te for the he formal reting ns and large calculations	 multiples to compare ar add and sul and mixed of fractions multiply sin answer in it associate a fraction equitient 	express fraction of order fractions obtract fractions numbers, using nple pairs of pro- s simplest form fraction with di	uplify fractions; up ons in the same on s, including fractions, with different d the concept of e oper fractions, w [for example, % vision and calcu ample, 0.375] fo	denomination ctions > 1 enominators equivalent writing the $G \times \frac{1}{2} = \frac{1}{8}$ late decimal		
Covid	•			•	i obieiri, all dp	propriate degre			Multiplying p by whole nun		and mixed numl	per fractions		

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Year	6	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
Geometry,	Factors,		Measures		Measures		Geometry			Geometry	•	Statistics
Measurement,	multiples	Area & Perimeter			Volume	lume Properties of 2D and 3D shapes				Angles		Averages
Statistics	primes											
Priority	•	•				 6G–1 Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems. 			•			•
National Curriculum	 identify common factors, common multiples and prime numbers 	perimeters ar recognise wh volume of sha calculate the calculate, esti using standar	en it is possible to apes area of parallelogr imate and compare d units, including c (m3), and extendir	use formulae f ams and triang e volume of cu ubic centimeti	or area and les bes and cuboids res (cm3) and	 draw 2-D shapes using given dimensions and angles recognise, describe and build simple 3-D shapes, including making nets compare and classify geometric shapes based on their properties and sizes and find 			 unknown angles in any triangles, quadrilaterals, and regular polygons illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. 			 calculate and interpret the mean as an average.
Mental Maths	10 to 1000 and decimal place, • what must b tenths and hur number, e.g. 7 • derive numb • squares to 12 • squares of th	d decimal numbe e.g. 650 + ? = 93 e added to a dec ndredths to make 26 + ? = 8 er bonds to 1,00	30, ? – 1.4 = 2.5 imal with units, e the next whole 0. g multiples of 10	tenths or hu • find double tenths, e.g. 2 • add near d • add or sub tenths, that + 2.9, 6.5 - 3 • add or sub	oubles of decimals tract a decimal wit is nearly a whole n	 + 3.38 h with units and s, e.g. 2.5 + 2.6 th units and units and units and partition: double and adjust partition: add or subtract a wh 		+ 4.3, 0.68 + 0.43 related tenths and h • use knowled doubles of to number and		r back in hundre undredths dge of place val vo-digit whole n adjust, e.g. 4.3 + = 6.5 – 4 + 0.2	ue and of umbers	
Times tables	•	f divisibility for Reacp 3 and 4 tir				Recap 6 times table – link to 3 times table	Recap 8 times ta times table	cap 8 times table – link to 4 nes table		table	Reacp 9 times table finger trick	Reacp 11 and 12 times tables
Retrieval	Recognize and	name 2D and	Different types of	of angles –	Reading inform	nation off bar ch	arts and tables	Time - re	ading clocks, calo	ulating time	round any y	vhole number
(Quick starter)	3D shapes		inc estimating	in ungres	Accounty more				ervals, converting			d degree of
Covid Recovery		Convert between different units of metric measure, e.g. km to m, cm to m, cm to mm, kg to g, l to ml. Understand and use approximate equivalents between metric units and common imperial units. Estimate volume and capacity.					ify 3D shapes including cubes and other ids from other 2D representations.			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, angles at a point on a straight line and other multiples of 90 degrees. 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.		



Year 6 Spring Term

Year 6 Spring Term												TOGETHER NE GROW	
	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	Fractions (division/ mixed addition and exchanging)		Decimals percentage F.D.P			Algebra / Scale factor			F	Ratio / proportion			
Priority	•		•	•			•			• 6AS/MD–3 Solve problems involving ratio relationships.			
National Curriculum		ver fractions umbers [for /3 ÷ 2 = 1/6]	 identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places multiply one-digit numbers with up to two decimal places by whole numbers use written division methods in cases where the answer has up to two decimal places solve problems which require answers to be rounded to specified degrees of accuracy recall and use equivalences between simple fractions, decimals and percentages, including in different contexts. 				 equences express missing algebraically find pairs of the equation with the equati	d describe linear ing number prol numbers that sa h two unknown possibilities of cc	blems Itisfy an s	 solve problems involving the relative sizes of two 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 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. 			
Covid Recovery	•		 with up to 3 Recognise a relate them decimal equ Recognise a 	ind understand th ite percentages a	ths and redths and ne percent	•				•			



Year 6	Spring	Term
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ear 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
Geometry,		metry	WEEKS	Measures	Weeks	Measures	Geom		Time	WCCK IU	Statistics	WCCK 12
Measurement,		Position and Direction Length, Mass, Capacity Reading				Position and Direction				Graphs and Charts		
Statistics		linates)		8,,	,	scales	(transform					
		, ,						, i				
Priority	•		6NPV-4 Divid	de powers of 10,	from 1 hund	redth to 10	•		•	•		
			million, into 2	2, 4, 5 and 10 eq	ual parts, an	d read						
			scales/numb	er lines with labe	elled interval	s divided into 2, 4,						
			5 and 10 equal parts.									
National	 describe pos 					nd conversion of	 draw and trans 	•	•		d construct pie ch	
Curriculum	full coordina	•		sure, using decin		up to three	shapes on the			graphs and u	use these to solve	e problems
	four quadra			es where approp			plane, and refl	ect them in		•		
	draw and tra	•		ite and convert l			the axes.					
	•	ne coordinate	-			, volume and time						
		eflect them in	 from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places convert between miles and kilometres 									
	the axes.											
Mental Maths	 multiply pair 	s of two-digit				. double 7.6, and	• partition: coun	t on or back in n	ninutes and	• nartition: us	e partitioning and	l tho
	and single-digi			ponding halves, e		•	hours, bridging t				1 0	
	e.g. 28 × 3	it humbers,								distributive law to divide tens and ones separately, e.g. $92 \div 4 = (80 + 12) \div 4 = 20 + 3$		
	 divide a two 	-digit number	 multiply pairs of multiples of 10 and 100, e.g. 50 × 30, 600 × 20 				 digital times, 12- hour and 24-hour clock) equivalent fractions, decimals and 			= 23		
	by a single-dig	•	 divide multiples of 100 by a multiple of 10 or 100 (whole 				percentages for hundredths, e.g. 35% is			• form an equivalent calculation, e.g. to		
	68÷4		number answers), e.g. 600 ÷ 20, 800 ÷ 400, 2100 ÷ 300				equivalent to 0.35 or 35/100			divide by 25, d	livide by 100, the	n multiply by
	• divide by 25	or 50, e.g. 480	• multiply and divide two-digit decimals such as 0.8 × 7, 4.8 ÷ 6				 use knowledge of the equivalence between 			4; to divide by 50, divide by 100, then double		
	÷ 25, 3200 ÷ 5	0					fractions and per	rcentages and th	ne relationship	 use doubling and halving as a mental 		
	quantities, e • simplify fra • scale up ar			,				ns and division		division and multiplication strategy. e.g to		
				30% of 50 ml, 40		9% of 200g				divide by 2,4,8,5,20 and 25 (628 ÷ 8 is halved		
				simplify fractions by cancelling scale up and down using known facts, e.g. given that three						three times) (28 x 25 is ¼ of 28 x 100 = 700)		
											recognise how to scale up or down using	
			oranges cost 24p, find the cost of four oranges • identify numbers with odd and even numbers of factors and no factor							multiplication and division, e.g. if three oranges cost 24p:one orange costs 24 ÷ 3 = 8p four oranges cost 8 × 4 = 32p		
Times tables	uso primo fact	ors to aid monta	pairs other than 1 and themselves nental multiplication use divisibility tests to Divide by 5 by				Use knowledge of multiplication and division fact				Quick recall of	
Times tables	e.g. 36 x 18 = 3		multiplication	aid mental calc		ividing by 10 then	-	•		stoluentily	12 x 12	
	C.g. 50 x 10 - 0	JU A Z A J A J.				viding by 2	factor pairs and numbers with only two factor				12 / 12	
Retrieval	recognise angl	es where they	use their	Mental +, -,		n +, -, x and ÷	find unknown angles in any		recall and use	equivalences	convert measu	rements of
(Quick starter)	meet at a poin		knowledge	x and ÷		lems – picking out	triangles, quadril		between simp		length, mass, v	
,	straight line, o		of the order	Efficient	operations		regular polygons		decimals and p		decimal notatio	
	opposite, and		of	working			including in				three decimal	
	angles	Ŭ	operations	Using what					contexts			
			to carry out	you know.								
			calculations									
			involving the									
			four									
			operations									
			(BIDMAS)									
Covid Recovery						Solve	Identify describe	•			d and interpret ta	ables includin
						problems	position of a sha			time tables.		
						involving	reflection or tran	-				
						converting	the appropriate I know that the sh					
						between units of	changed.	iape has not				
						time.	changed.					
			L			time.	1		1	1		



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
Number & Place		Rev	rision		Test Week	Geometry	Scientific	Investigation	Investigation	Investigation	Revision	Revision
Value	Week 1: (Neg	ative numbers/	Algebra/ specia	l numbers)		Position and	Calculator					
	Week2: (Frac	tions/Decimals a	nd percentages	5)		Direction	Focus					
	Week 3: (Bod	mas/Chunking/D	Decimals Arithm	netic practice/		Mandela						
	worded prob	lems)										
Driority						-						
Priority						-						
National												
Curriculum					T				<u> </u>	<u> </u>	.	.
Geometry,		Rev	ision		Test Week		Geometry Circumference	Geometry Position and	Statistics	Statistics	Revision	Revision
Measurement,							Circumerence	Direction	Graphs and	Graphs and		
Statistics								(transformat	Charts	Charts		
								ion)	(scatter)			
								Vectors				
Priority												
National												
Curriculum												
Mental Maths												
Times tables												
Retrieval												
(Quick starter)												
Covid Recovery												