

Billingshurst Primary School

Long Term Maths Plan

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6			
Adding and subtracting across 10		Numbers to 1,000 / Measures		1				
RtP: • 2AS-1 Page 57 • 3NF-1 Page 98		<u>RtP:</u>						
		• 3NPV-1 <u>Page 86</u>						
		• 3NPV-2 Page 88						
SPINES:		• 3NPV-3 <u>Page 91</u>						
1.11 Addition and subtraction: bridgi	ing 10	• 3NPV-4 Page 95						
Small Steps:		• 3NF-3 <u>Page 103</u>						
1 Pupils add 3 addends		• 3AS-1 Page 106						
2 Pupils use a 'First Then Now" st	tory to add 3 addends	Prior Learning KtP: AND/(-1 Page 51						
3 Pupils explain that addends can be	e added in any order	• 2NPV-2 Page 53						
4 Pupils add 3 addends efficiently		SPINES:						
5 Pupils add 3 addends efficiently by	y finding two addends that total 10	1.17 Composition and Calculation: 1	100 and bridging 100					
6 Pupils add two numbers that bridg	ge through 10	1.18 Composition and calculation: t	hree-digit numbers					
7 Pupils subtract two numbers that bridge through 10		Small Steps:						
NC:		1 Pupils explain that 100 is com	posed of ten tens and one hundred on	ies				
Review of Y2 content	concrete objects nictorial	2 Pupils explain that 100 is com	posed of 50s 25s and 20s					
representations and mentally includi	ing: a two-digit number and ones: a	3 Pupils use known facts to find	multiples of ten that compose 100					
two-digit number and tens: two two-	-digit numbers: adding three one-	4 Pupils will use known facts to	find a two-digit number and a one- or	two-digit number that compose 100				
digit numbers.		5 Pupils use known facts to find	correct complements to 100					
		6 Pupils use known facts to find	complements to 100 accurately and e	efficiently				
		7 Pupils represent a three-digit r	number which is a multiple of ten using	their numerals and names				
		8 Pupils use place value knowle	dge to write addition and subtraction	equations				
		9 Pupils bridge 100 by adding or	subtracting in multiples of ten					
		10 Pupils use knowledge of additi	on and subtraction of multiples of ten l	bridging the hundreds boundary to so	lve problem			
		11 Pupils count across and on from	m 100					
		12 Pupils represent a three-digit r	number up to 199 in different ways					
		13 Pupils bridge 100 by adding or	subtracting a single-digit number					
		14 Pupils find ten more or ten less	s than a given number					
		15 Pupils cross the hundreds boun	ndary when adding and subtracting any	/ two-digit multiple of ten				
		16 Pupils become familiar with a	metre ruler (marked and unmarked inte	ervals, 1 x 1m, 10 x 10cm, 100 x 1cm)				
		17 Pupils measure length and height	ght from zero using whole metres and o	cm				
		18 Pupils measure length and height	ght from zero using cm					
		19 Pupils convert between m and	cm (include whole m to cm, cm to who	ole m and cm and vice versa)				
		20 Pupils become familiar with a	ruler in relation to cm and mm (marked	d and unmarked intervals, knowing 1c	m = 10mm)			
		21 Pupils measure length from ze	ro using mm / whole cm and mm					
		22 Pupils convert between cm and	d mm (include whole cm to mm, mm to	whole cm and mm and vice versa)				
		23 Pupils estimate a length/heigh	t, measure a length/height and record	in a table				
		24 Pupils use knowledge of place	value to represent a three-digit numb	per in different ways				
		NC:						
		Count from 0 in multiples of 4, 8, 50) and 100.					
		Find 10 or 100 more or less than a g	iven number.					
		Recognise the place value of each d	igit in a three-digit number (hundreds,	tens and ones).				
		Compare and order numbers up to	1000 <mark>.</mark>					
		Identify, represent and estimate nu	mbers using different representations.					
		Read, and write numbers to 1000 in	numerals and words.					
		Solve problems involving these ideas.						
	Week 1 Adding and subtracting across 10 RtP: • 2AS-1 Page 57 • 3NF-1 Page 98 SPINES: 1.11 Addition and subtraction: bridgi Small Steps: 1 Pupils add 3 addends 2 Pupils use a 'First Then Now" si 3 Pupils explain that addends can be 4 Pupils add 3 addends efficiently 5 Pupils add 3 addends efficiently be 6 Pupils add 3 addends efficiently be 6 Pupils add two numbers that bridge 7 Pupils subtract two numbers that NC Review of Y2 content Y2: Add and subtract numbers using representations and mentally includit two-digit number and tens; two two digit numbers.	Week 1 Week 2 Adding and subtracting across 10 RtP: • 2AS-1 Page 57 • 3NF-1 Page 98 SPINES: 1.11 Addition and subtraction: bridging 10 Small Steps: 1 1 Pupils add 3 addends 2 Pupils use a 'First. Then Now'' story to add 3 addends 3 Pupils use a 'First. Then Now'' story to add 3 addends 3 Pupils use a 'Addends efficiently 5 Pupils add 3 addends efficiently 5 Pupils add 3 addends efficiently by finding two addends that total 10 6 Pupils add two numbers that bridge through 10 7 7 Pupils subtract numbers using concrete objects, pictorial representations and mentally including: a two-digit number and ones; a two-digit numbers. Add and subtract numbers two two-digit numbers; adding three one-digit numbers.	Week 1 Week 2 Adding and subtracting across 10 Numbers to 1,000 / Measures http: : 2A5:1 Page 57 : 3MF-1 Page 98 SPINES: : 1:11 Addition and subtraction: bridging 10 : small Steps: : 1:11 Addition and subtraction: bridging 10 : Small Steps: : 1:11 Addition and subtraction: bridging 10 2 Pupils use a 'First. Them Now" story to add 3 addends 2 Pupils add 3 addends efficiently 5 Pupils add 3 addends efficiently by finding two addends that total 10 6 Pupils add 3 addends efficiently by finding two addends that total 10 7 Pupils subtract two numbers that bridge through 10 7 Pupils subtract two numbers that bridge through 10 7 Pupils subtract two numbers using concrete objects, pictorial representations and mentally including: a two-digit number and tens; two two-digit numbers; adding three oncidigit numbers. 9 Pupils use known facts to find 6 9 Pupils use known facts to find 6	Week 1 Week 2 Adding and subtracting across 10 Bit? - 3 - 4 - 4 - 4 - 4 - 5 - 5 - 6 - 7 - 10 - 10 - </th <th>Week 1 Week 2 Week 3 Week 4 Week 5 Adding and subtracting across 10 Mumbers to 1,000 / Measures Mumbers to 1,000 / Measures Self Linger 26 384 Linger 26 384 Linger 26 2 Pupis to a first. Them. New story to add 3 addends 384 Linger 26 384 Linger 26 3 Pupis to a first. Them. New story to add 3 addends 384 Linger 26 384 Linger 26 3 Pupis to a first. Them. New story to add 3 addends 384 Linger 26 384 Linger 26 3 Pupis to a first. Them. New story to add 3 addends 384 Linger 26 384 Linger 26 2 Pupis to aff addends efficiently by finding two addends that total 10 384 Linger 26 384 Linger 26 2 Pupis to aff addends efficiently by finding two addends that total 20 384 Linger 26 384 Linger 26 2 Pupis to aff addends efficiently by finding two addends that total 20 384 Linger 26 384 Linger 26 2 Add and addrends efficiently by finding two addends that total 20 384 Linger 26 384 Linger 26 2 Add and addrend turnbers that bridge through 10 112 Composition and calculation: three data turnbers 20 284 Linger 26 2 Add and addrend turnbers that bridge through 10 112 Composition and calculation: three data turnbers 20 294 Pupis turnber 26 2 Add addrend turnbers turnbers turnbers turnbers turnbers turnbers 20 294 Pupis turnber 26 294 Pupis turnber 26</th>	Week 1 Week 2 Week 3 Week 4 Week 5 Adding and subtracting across 10 Mumbers to 1,000 / Measures Mumbers to 1,000 / Measures Self Linger 26 384 Linger 26 384 Linger 26 2 Pupis to a first. Them. New story to add 3 addends 384 Linger 26 384 Linger 26 3 Pupis to a first. Them. New story to add 3 addends 384 Linger 26 384 Linger 26 3 Pupis to a first. Them. New story to add 3 addends 384 Linger 26 384 Linger 26 3 Pupis to a first. Them. New story to add 3 addends 384 Linger 26 384 Linger 26 2 Pupis to aff addends efficiently by finding two addends that total 10 384 Linger 26 384 Linger 26 2 Pupis to aff addends efficiently by finding two addends that total 20 384 Linger 26 384 Linger 26 2 Pupis to aff addends efficiently by finding two addends that total 20 384 Linger 26 384 Linger 26 2 Add and addrends efficiently by finding two addends that total 20 384 Linger 26 384 Linger 26 2 Add and addrend turnbers that bridge through 10 112 Composition and calculation: three data turnbers 20 284 Linger 26 2 Add and addrend turnbers that bridge through 10 112 Composition and calculation: three data turnbers 20 294 Pupis turnber 26 2 Add addrend turnbers turnbers turnbers turnbers turnbers turnbers 20 294 Pupis turnber 26 294 Pupis turnber 26			

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	Numbers to 1,000 / Measures continued	Right Angles
	<u>RtP:</u>	<u>RtP:</u>
	• 3NPV-1 Page 86	• <u>3G-1 Page 134</u>
	• 3NPV-2 Page 88	Small Steps:
	• 3NPV-3 Page 91	1 Pupils rotate two lines around a fixed point to
	• 3NF-3 Page 103	angles
	• 3AS-1 Page 106	2 Pupils draw triangles and quadrilaterals and in
	SPINES: 1.18 Composition and calculation: three digit numbers	3 Pupils learn that a right angle is a 'square corr the environment
	Small Stans:	4 Pupils learn that a rectangle is a 4-sided polyg
		5 Pupils learn that a square is a rectangle in wh
	24 Pupils use knowledge of place value to represent a three-digit number in different ways	equal length
	25 Pupils represent a three-digit number up to 1000 in different ways	6 Pupils cut rectangles and squares on the diag
	26 Pupils use knowledge of the additive relationship to solve problems	7 Pupils ioin four right angles at a point using d
	 27 Pupils count in nundreds and tens on a number line 28 Pupils identify the number of tens on a number line 29 Pupils identify the number of tens 	nolvgons
	28 Pupils identify the previous, next and hearest multiple of 100 on a number line for a three-digit multiples of ten	8 Punils investigate and draw other polygons w
	29 Pupils position three-digit numbers on number lines	Refine small stens and supplement with ot
	30 Pupils estimate the position of three-digit numbers on unmarked number lines	White Rose and Maths no Problem
	31 Pupils compare one-, two- and three-digit numbers	NC
	32 Pupils compare two three-digit numbers	Recognise angles as a property of shape or des
	33 Pupils order sets of three-digit numbers	Identify right angles, recognise that two right a
	34 Pupils use known facts to add or subtract multiples of 100 within 1000	three make three quarters of a turn and four co
	35 Pupils write a three-digit multiple of 10 as a multiplication equation	whether angles are greater than or less than a
	36 Pupils partition three-digit numbers in different ways	Draw 2-D shapes
\sim	37 Pupils use known facts to solve problems involving partitioning numbers	
~	38 Pupils use known facts to add or subtract to/from multiples of 100 in tens	
	39 Pupils use known facts to add or subtract to/from multiples of 100 in ones	
\geq	40 Pupils add/subtract multiples of ten bridging 100	
\supset	41 Pupils add/subtract to/from a three-digit number in ones bridging 100	
F	42 Pupils find 10 more or less across any hundreds boundary	
\Box	43 Pupils use knowledge of adding or subtracting to/from three-digit numbers to solve problems	
\triangleleft	44 Pupils count forwards and backwards in multiples of 2, 20, 5, 50 and 25	
	45 Pupils use knowledge of counting in multiples of 2, 20, 5, 50 and 25 to solve problems	
	46 Pupils become familiar with different weighing scales up to 1kg (intervals of 100g, 200g, 250g and 500g)	
	47 Pupils become familiar with the tools to measure volume and capacity up to 1 litre (intervals of 100ml, 200ml, 250ml and 500ml)	
	48 Pupils measure mass from zero up to 1kg using grams	
	49 Pupils measure mass from zero above 1kg using whole kg and grams	
	50 Pupils measure volume from zero up to 1 litre using ml	
	51 Pupils measure volume from zero above 1 litre using whole litres and ml	
	52 Pupils estimate mass in grams and volume in ml	
	53 Pupils estimate a mass/volume, measure a mass/volume and record in a table	
	NC:	
	Count from 0 in multiples of 4, 8, 50 and 100.	
	Recognise the place value of each digit in a three-digit number (hundreds tens and ones).	
	Compare and order numbers up to 1000.	
	Identify, represent and estimate numbers using different representations.	
	Read, and write numbers to 1000 in numerals and words.	
	Solve problems involving these ideas.	
	Measure, compare, add and subtract: lengths (m/cm/mm), mass (kg/g) and volume/capacity (l/ml).	
	Mentally add and subtract a 3-digit number and ones.	
	Mentally add and subtract a 3-digit number and tens.	
	wientany aud and subtract a s-digit number and nundfeus.	

to make different sized

identify vertices rner' and identify them in

gon with four right angles nich the four sides are

gonal and investigate the

different right-angled

with right angles ther resources, e.g.

cription of a turn. ngles make a half-turn, omplete a turn; identify right angle.

Manipulating the additive relationship and securing mental calculation (see next column)

	Week 1	Week 2		Week 3		Week 4	Week 5	Week 6	
	Manipulating the add	ditive relationship and securing me	ntal calculation	Weeks		Column addition	Weeks	Weeko	
	RtP:	P				RtP:			
	• <u>3AS-3 Page 1</u>	13				• <u>3AS-2 Page</u>	<u>109</u>		
	SPINES:					SPINES:			
	1.19 Securing Mental	Strategies: calculation up to 999				1.20 Algorithms: colu	umn addition		
	<u>Small Steps:</u>	ade				<u>Small Steps:</u>	addends and the sum in solumn addition		
	2 Pupils add two 2 d	ligit numbers using adjusting				2 Dupils use their kr		adumn addition	
	2 Pupils add two 3-d					2 Pupils use their knowledge of place value to correctly lay out column addition			
	A Pupils subtract a pair of 2- or 3-digit numbers, bridging a multiple of 10 using partitioning					3 Pupils add a pair of 2-digit numbers using column addition			
	4 Pupils subtract a pair of 2- or 3-digit numbers, bridging a multiple of 10, using partitioning					4 Pupils add using column addition			
	5 Pupils subtract a p	air of 2-digit numbers, crossing a te	en or nunareas bo	undary, by finding the dif	terence	5 Pupils use their kr	nowledge of column addition to solve problems	ems ith regressing in the	
	C Durile subtreat a r	air of three digit multiples of 10 wi	hin 1000 hu findi	na tha difference between	n the sure	 Pupils add a pair o Rugils add a pair o 	of 2-digit numbers using column addition w	ith regrouping in the	
	 Pupils subtract a p Regulate the 	air of three-digit multiples of 10 wi	thin 1000 by findi	ng the difference betwee	n them	7 Pupils add a pair o	of 2-digit numbers using column addition w	ith regrouping in the	
	7 Pupils evaluate the	e efficiency of strategies for subtrac	ting from a 3-digi	t number		8 Pupils add using c	column addition with regrouping		
	8 Pupils explain why	the order of addition and subtract	ion steps in a mul	ti-step problem can be ch	osen	9 Pupils use known	facts and strategies to accurately and efficience	ently calculate and c	
	9 Pupils accurately a	and efficiently solve multi-step addition	tion and subtracti	on problems	ما مومینام م	10 Pupils use their kr	lowledge of column addition to solve probl	ems	
	10 Pupils understand	tionship (2-digit numbers)	and subtraction e	equations can be used to o	describe the	NC:			
	11 Pupils understand	and can explain that both addition	and subtraction e	equations can be used to o	describe the	Add numbers with up	p to 3-digits, using the column method with	resources to regrou	
	same additive rela	tionship (3-digit numbers)				Solve problems inclu	iding missing number problems, using num	her facts inlace value	
	12 Pupils use knowled	dge of the additive relationship to r	earrange equation	ns		addition and subtrac	tion.		
	13 Pupils use knowled equation	dge of the additive relationship to i	dentify what is kn	own and what is unknow	n in an	Estimate the answer	to a calculation.		
	14 Pupils use knowled	dge of the additive relationship to r	earrange equation	ns before solving					
	15. Ensure coverage c	of estimating the answers to calcula	tions						
	<u>NC:</u> Montally add and sub	tract a 2 digit number and ones							
	Mentally add and sub	tract a 3-digit number and tens.							
\leq	Mentally add and sub	tract a 3-digit number and hundred	ls.						
К К	Solve problems, inclu	ding missing number problems, usi	ng number facts, j	place value and more con	<mark>nplex</mark>				
D	addition and subtract	ion.							
0,	VA: Calua 2 atom mahl	Estimate the answe	er to a calculation						
	14: Solve 2-Step probl	lents by deciding which operation to	o use and why.						

	Week 7
ones column	
tens column	
neck column addition	
units, tens and hundreds.	
and more complex	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6			
	Multiplication: 2, 4, 8 times table			Column subtraction and Mo	oney				
	<u>RtP:</u>			<u>RtP:</u>					
	• <u>3NF-2 Page 100</u>			• <u>3AS-2 Page 109</u>	• <u>3AS-2 Page 109</u>				
	• <u>3MD-1 Page 117</u>			SPINES:					
• <u>3NF-3 Page 103</u> Prior Learning RtP:				1.21 Algorithms: column sub	<u>btraction</u>				
				Small Steps:					
	• <u>1NF-2 Page 26</u>			1 Pupils identify the minuen	id and the subtrahend in column	subtraction			
	SPINES:	and a transfer to the strength of the		2 Pupils explain the column	2 Pupils explain the column subtraction algorithm				
	2.7 Times tables: 2, 4 and 8 and the	relationship between the	<u>em</u>	3 Pupils subtract from a 2-d	igit number using column subtra	ction with exchanging fro			
	1 Pupils represent counting in four	rs as the 4 times table		4 Pupils subtract from a 3-d	4 Pupils subtract from a 3-digit number using column subtraction with exchanging from				
	2 Pupils use knowledge of the 4 tir	mes table to solve proble	ms	5 Pupils subtract from a 3-d	igit number using column subtra	ction with exchanging fro			
	2 Pupils ase knowledge of the 4 th	atwoon adjacent multiple	er of four	6 Pupils evaluate the efficient	ncy of strategies for subtraction				
	A Dupils explain the relationship be	etween aujacent multiple		7 Use inverse operations to	check calculations.				
	4 Pupils explain the relationship be	etween multiples of 2 and		8. Count money (in pence)					
	5 Pupils use knowledge of the rela	tionships between the 2	and 4 times tables to solve problems	9. Count money (in pounds)					
	6 Pupils represent counting in eigh	its as the 8 times table		10. Identify the value of pou	ands and pence using different re	epresentations			
	7 Pupils explain the relationship be	etween adjacent multiple	s of eight	11. Convert pounds and per	nce				
	8 Pupils explain the relationship be	etween multiples of 4 and	d multiples of 8	12. Add money					
	9 Pupils use knowledge of the rela	tionships between the 4	and 8 times tables to solve problems	14. Give change					
	10 Pupils explain the relationship be	etween multiples of 2, 4 a	and multiples of 8	When exploring money: app	When exploring money: apply the same written and mental calculation strategies ex complements to 100p/£1 etc, column methods.				
	11 Pupils use knowledge of the rela	tionships between the 2,	4 and 8 times tables to solve problems	complements to 100p/£1 et					
	12 Pupils use knowledge of the divis	sibility rules for divisors o	f 2 and 4 to solve problems	NC:					
	13 Pupils use knowledge of the divis	sibility rules for divisors o	f 8 to solve problems	Subtract numbers with up to	o 3-digits, using the column met	hod with resources to reg			
	14 Pupils scale known multiplication	n facts by 10		hundreds.					
	15 Pupils scale division derived from	n multiplication facts by 1	.0	Use inverse operations to ch	neck answers.				
\sim	NC:			Solve problems, including m	hissing number problems, using r	number facts, place value			
U	Count from 0 in multiples of 4, 8, 50) and 100.		Add and subtraction.	of manay to aive change using	both f and in practical.			
Z	Recall and use multiplication and div	vision facts for the 3 , 4 ar	nd 8 multiplication tables.	Has that	of money to give change, using	Dorn 1, and in practical o			
2	they know, including for two-digit n	umbers times one-digit n	umbers, using mental and progressing to f	iormal					
E E	written methods	unibers times one-uigit i	unibers, using mental and progressing to r						
S	Solve problems, including missing n	umber problems, involvir	g multiplication and division, including po	sitive					
	integer scaling problems and corres	pondence problems in w	hich n objects are connected to m objects.						

	Week 7
	Week 7
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om hundreds to tens (1)	
om hundreds to tens (2)	
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roup units, tens and	
and more complex	
and more complex	
contexts	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Unit fractions				Non-unit fractions	
	<u>RtP:</u>				<u>RtP:</u>	
	• <u>3F-1 Page 120</u>	• <u>3F-1 Page 120</u>				
	Spines	• <u>3F-3 Page 127</u> • 3F-4 Page 131				
	3.1 Preparing for fractions: the part wh	SPINES:				
	3.2 Unit fractions: identifying, represent	Non-unit fractions: iden	tifying, representing a			
	Small Steps:				3.4 Adding and subtract	ng within one whole
	1 Pupils identify a whole and the par	rts that make it up			Small Steps:	
	2 Pupils explain why a part can only	1 Pupils explain that no	on-unit fractions are co			
	3 Pupils identify the number of equa	al or unequal parts in a whole			one unit fraction	it fractions
	4 Pupils identify equal parts when the	2 Pupils identify forf-u				
	5 Pupils explain the size of the part i	3 Pupils identity the hu	mber of equal or uneo			
	6 Pupils construct a whole when give	4. Durrile use lur sude des	of your unit frontions			
	7 Pupils identify how many equal pa	rts a whole has been divided into			4 Pupils use knowledge	of non-unit fractions
	8 Pupils use fraction notation to des	cribe an equal part of the whole			5 Pupils use knowledge	of unit fractions to fi
	9 Pupils represent a unit fractions in	different ways			6 Pupils place fractions	between 0 and 1 on a
	10 Pupils identify parts and wholes in	different contexts (i)			/ Pupils use repeated a	ddition of a unit fract
	11 Pupils identify parts and wholes in	different contexts (ii)			8 Pupils use repeated a	ddition of a unit fract
	12 Pupils identify equal parts when th	ney do not look the same (ii)			9 Pupils compare using	knowledge of non-un
	13 Pupils compare and order unit frac	ctions by looking at the denomina	tor		one	knowledge of non-un
	14 Pupils identify when unit fractions	cannot be compared			10 Pupils compare non-u	unit fractions with the
	15 Pupils construct a whole when give	en one part and the fraction that	it represents		11 Pupils compare unit f	ractions
	17 Pupils identify the whole, the pup	12 Pupils compare fracti	ons with the same nu			
~	18 Pupils quantify the number of item	13 Pupils add up fraction	ns with the same deno			
	19 Pupils calculate the value of a part	by using knowledge of division a	nd division facts		14 Pupils add on fraction	ns with the same deno
2	20 Pupils calculate the value of a part	by connecting knowledge of division d	sion and division facts with f	inding a fraction of a quantity	15 Pupils add fractions v	vith the same denomination of the
	21 Pupils find fractions of quantities u	using knowledge of division facts v	with increasing fluency		rule	
2	NC:				16 Pupils subtract fractio	ons with the same den
	Recognise, find and write fractions of a	a discrete set of objects: unit fract	ions and non-unit fractions	with small denominators.	17 Pupils identify the wh	iole, the number of ec
5	Recognise and use fractions as number	rs: unit fractions and non-unit fra-	ctions with small denominat	ors.	18 Pupils explain that ad	dition and subtraction
	compare and order unit fractions , and	Tractions with the same denomin			operations	¢ 1.1.1
					19 Pupils subtract fraction	ons from a whole by c
					20 Pupils represent a wh to solve problems inv	ole as a fraction in dif olving subtraction
					NC:	
					Recognise, find and writ	e fractions of a discret
					fractions and non-unit fr	actions with small der
					Recognise and use fractions with small dop	ons as numbers: unit i
					Add and subtract fractio	ns with the same den
					whole, e.g. 5/7+1/7 = 6/	7.
					Recognise and show, usi	ng diagrams, equivale
					denominators.	
					Solve fraction problems	that involve all of the
					Use inverse operations t	o check answers.
					I	

5	Week 7
and comparing	
ampaced of more than	
omposed of more than	
qual parts in a whole	
s to solve problems	
a numberline	
tion to form a non-unit	
tion to form 1	
nit fractions equivalent to	
e same denominator	
imerator	
ominator	
ominator	
inator using a generalised	
nominator	
qual parts and the size of	
n of fractions are inverse	
IT OF ITACLIONS are inverse	
converting the whole to a	
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fferent ways and use this	
te set of objects: unit	
fractions and non-unit	
iominator up to one	
ent fractions with small	
above.	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
SUMMER 2	Week 1 Non-unit fractions continued (See previous column)	Week 2	Week 3 Parallel and perpendicul RtP: • 3G-2 Page 137 Small Steps: 1 Pupils make compound whole) 2 Pupils investigate different parts) 3 Pupils draw polygons of 4 Pupils use geostrips to sides 5 Pupils make and draw 6 Pupils learn to extend 7 Pupils make and draw 9 Pupils draw shapes with 10. Recognise and description 11. Make 3D shapes (W) Refine small steps and problem. NC: Draw 2-D shapes and m Identify horizontal and Recognise 3-D shapes in	Week 4 Ilar sides in polygons Id shapes by joining two polygons in di erent ways of composing and decompo- on isometric paper o investigate quadrilaterals with and w r compound shapes with and without p lines and sides to identify parallel and r triangles on circular geoboards r quadrilaterals on circular geoboards ith given properties on a range of geor ribe 3D shapes (White Rose) 'hite Rose) d supplement with other resources take 3-D shapes using modelling mate vertical lines and pairs of perpendicular different orientations and describe t	Week 5 ifferent ways (same parts, different osing a polygon (same whole, without parallel and perpendicular parallel and perpendicular sides d perpendicular lines metric grids s, e.g. White Rose and Maths no fials. ar and parallel lines. hem	Week 6 Time No specific NCETM Spine/RtP Reso NCETM guidance: https://www.ncd time/ Small Steps (Taken from White Ross 1. O'clock and half past 2. Quarter past and quarter 3. Months and years 4. Hours in a day 5. Telling the time to 5 minu 6. Telling the time to 5 minu 7. Using a.m. and p.m 8. 24 hour clock 9. Finding the duration 10. Comparing durations 11. Start and end times 12. Measuring time in second Refine small steps and supplem Problem. NC: Tell and write the time from an anal I to XII, and 12-hour and 24-hour clock Stimate and read time with increat compare time in terms of seconds, o'clock, a.m./p.m., morning, aftern Know the number of seconds in a r year and leap year. Compare durations or events (for events or tasks)	Week 7 urces for this Unit. stm.org.uk/classroom-resources/cp-year-3-unit-11- ie): to tes nute is ient with other resources, e.g. Maths no alogue clock, including using Roman numerals from locks. asing accuracy to the nearest minute; record and minutes and hours; use vocabulary such as noon, noon and midnight, minute and the number of days in each month, example to calculate the time taken by particular
Cross Cu	rricular opportunities:						

<u>Using Roman Numerals</u>: <mark>using Roman numerals from I to XII</mark> Could be for the daily date.

<u>Statistics</u>

NC: Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables.