

# Maths Long Term Plan

### Autumn 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
	Staggered start and baseline ass	sessments		Number and place value, numbers to 5 – 1,2,3	Number and place value, numbers to 5 – 4	Number and place value, numbers to 5 – 5	Number and place value, numbers to 5 – 1,2,3,4,5
EYFS				Time – my day	Time – my day	Spatial awareness Positional language	Spatial awareness Positional language
Year 1	Basic number skills Introduction to different resources to support learning. How to use resources PUMA Rec Summer assessment	Sort objects     Count objects     Represent objects     Count, read and write forwards from any number 0 to 10	Count, read and writing backwards from any number 0 to 10 Count one more Count one less One to one correspondence to start to compare groups	<ul> <li>Compare groups using language such as equal, more/greater, less/fewer</li> <li>Introduce = , &gt; and</li> <li>symbols</li> <li>Introduce = , &gt; and</li> <li>symbols</li> <li>Compare numbers</li> </ul>	Order groups of objects Order numbers Ordinal numbers (1st, 2nd, 3rd) The number line	<ul> <li>Part whole model</li> <li>Addition symbol</li> <li>Fact families –</li> <li>Addition facts</li> <li>Find number bonds for numbers within 10</li> <li>Systematic methods for number bonds within 10</li> </ul>	Number bonds to     10     Compare number bonds     Addition: Adding together     Addition: Adding more
Year 2	Recap place value knowledge from Year 1 PUMA Year 1 Summer assessment	Count objects to 100 and read and write numbers in numerals and words  Represent numbers to 100  Tens and ones with a part whole model	<ul> <li>Tens and ones using addition</li> <li>Use a place value chart</li> <li>Compare objects</li> <li>Compare numbers</li> </ul>	Order objects and numbers Count in 2s, 5s and 10s Count in 3s	•Fact families – Addition and subtraction bonds to 20 •Check calculations •Compare number sentences •Related facts	•Bonds to 100 (tens) •Add and subtract 1s •10 more and 10 less •Add and subtract 10s	•Add a 2-digit and 1-digit number – crossing ten •Add three 1-digit numbers •Subtract a 1-digit number from a 2-digit number – crossing ten

	Recap place value knowledge	•Hundreds	•Number line to 1,000	Compare objects to	Add and subtract	•Add and	•Spot the pattern –
	from Year 2	•Represent numbers to 1,000	•Find 1, 10, 100 more	1,000	multiples of 100	subtract 3-digit	making it explicit
	nom rear 2	•100s, 10s and 1s (1)	or less than a given	•Compare numbers	•Add and subtract 3-	numbers and tens	•Add and subtract a
	PUMA Year 2 Summer	•100s, 10s and 1s (2)	number	to 1,000	digit numbers and	- not crossing 100	2-digit and 3-digit
	assessment	2000, 200 a.i.a. 20 (2)	•Find 1, 10, 100 more	•Order numbers	ones – not crossing	•Add a 3-digit	number – not
	assessment		or less than a given	•Count in 50s	10	number and tens	crossing 10 or 100
			number	Count in 303	•Add 3-digit and 1-	- crossing 100	•Add a 2-digit and 3-
			Trumber		digit numbers –	•Subtract tens	digit number –
					crossing 10	from a 3-digit	crossing 10 or 100
					•Subtract a 1-digit	number –	•Subtract a 2-digit
3					number from a 3-	crossing 100	number from a 3-
Year 3					digit number –	•Add and	digit number – cross
٧e					crossing 10	subtract 100s	the 10 or 100
	Recap place value knowledge	•Roman numerals to 100	•Count in 1,000s	Number line to	•Round to the	•Add and	Subtract two 4-digit
	from Year 3	•Round to the nearest 10	•1,000s, 100s, 10s and	10,000	nearest 1,000	subtract 1s, 10s,	numbers – no
		•Round to the nearest 100	1s	•1,000 more or less	•Count in 25s	100s and 1000s	exchange
	PUMA Year 3 Summer		Partitioning	•Compare numbers	Negative numbers	•Add two 4-digit	•Subtract two 4-digit
	assessment			•Order numbers		numbers – no	numbers – one
						exchange	exchange
						•Add two 4-digit	•Subtract two 4-digit
						numbers – one	numbers – more than
						exchange	one exchange
						•Add two 4-digit	
4						numbers – more	
Year						than one	
×						exchange	
	Recap place value knowledge	•Number to 10,000	Compare and order	•Counting in 10s,	•Add whole numbers	•Round to	•Read and interpret
	from Year 4	•Roman numerals to 1,000	numbers to 100,000	100s, 1,000s, <mark>10,000s</mark>	with more than 4-	estimate and	line graphs
	PUMA Year 4 Summer	•Round to the nearest 10,	•Round numbers	and 100,000s	digits (column	approximate	<ul><li>Draw line graphs</li></ul>
	assessment	100 and 1,000	within 100,000	•Compare and order	method)	•Inverse	
		•Number to 100,000	<ul> <li>Numbers to a million</li> </ul>	numbers to a million	•Subtract whole	operations	
			•Counting in 10s, 100s,	•Round numbers to a	numbers with more	(addition and	
			1,000s, 10,000s and	million	than 4-digits (column	subtraction)	
			100,000s	<ul> <li>Negative numbers</li> </ul>	method)	•Multi-step	
2						addition and	
Year						subtraction	
ž						problems	

	Recap place value knowledge	Continue to ensure chd have	•Round any numbers	Add and subtract	•Long division (1)	Common factors	•Order of operations
	from Year 5	a secure knowledge of place	<ul> <li>Negative numbers</li> </ul>	whole numbers	<ul><li>Long division (2)</li></ul>	<ul><li>Common</li></ul>	<ul> <li>Mental calculations</li> </ul>
	PUMA Year 5 Summer	value – recap previous years if		<ul> <li>Multiply up to a 4-</li> </ul>	<ul><li>Long division (3)</li></ul>	multiples	and estimation
	assessment	necessary		digit by 1-digit	<ul><li>Long division (4)</li></ul>	<ul><li>Primes</li></ul>	<ul> <li>Reasoning from</li> </ul>
				number		<ul> <li>Squares and</li> </ul>	known facts
		<ul> <li>Numbers to ten million</li> </ul>		<ul><li>Short division</li></ul>		cubes	
9		<ul> <li>Compare and order any</li> </ul>		<ul><li>Division using</li></ul>			
Year		number		factors			
Ϋ́							

## Autumn 2

	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	
	Addition and subtraction – sorting	Addition and	Addition and	Number and	Number and	Addition and	Recap	
	Sorting into groups	subtraction –	subtraction –	place value –	place value –	subtraction –	Consolidation	
		change within 5	change within 5	comparing	comparing	sorting – sorting	Assessment	
		– one more	– one less	groups –	groups – non	into groups		
				identical	identical/identica			
		2D shapes	2D shapes	objects	l objects			
EYFS				3D shapes	3D shapes	2D and 3D		
Ú						shapes		
	Finding a part	•Fact families –	<ul><li>Comparing</li></ul>	<ul> <li>Recognise and</li> </ul>	<ul> <li>Count forwards</li> </ul>	•Compare	Move	
	Subtraction: Taking away, how	The 8 facts	addition and	name 3D	and backwards	groups of	objectives to	
	many left? Crossing out	<ul><li>Fact families –</li></ul>	subtraction	shapes	and write	objects	this week	
	<ul> <li>Subtraction: Taking away, how</li> </ul>	The 8 facts	statements a +	<ul> <li>Sort 3D shapes</li> </ul>	numbers to 20 in	<ul> <li>Compare</li> </ul>	depending	
	many left? Introducing the	<ul><li>Subtraction:</li></ul>	b > c	<ul> <li>Recognise and</li> </ul>	numerals and	numbers	where	
	subtraction symbol	<ul> <li>Counting back</li> </ul>	<ul><li>Comparing</li></ul>	name 2D	words	<ul> <li>Order groups</li> </ul>	assessment	
	•Subtraction: Finding a part,	Subtraction -	addition and	shapes	<ul> <li>Numbers from</li> </ul>	of objects	week falls	
aths	breaking apart		subtraction	•Sort 2D shapes	11 to 20	• Order		
Maj			statements a +	<ul><li>Patterns with</li></ul>	<ul><li>Tens and ones</li></ul>	numbers		
$\vdash$			b > c + d	2D and 3D	•Count one more			
Year				shapes	and one less			
>								

Year 2	Add two 2-digit numbers – not crossing ten – add ones and add tens  Add two 2-digit numbers – crossing ten – add ones and add tens	•Subtract a 2-digit number from a 2-digit number – not crossing ten •Subtract a 2-digit number from a 2-digit number from a 2-digit number – crossing ten – subtract ones and tens •Bonds to 100 (tens and ones)	•Count money – pence •Count money – pounds (notes and coins) •Count money – notes and coins •Select money	•Make the same amount •Compare money •Find the total	•Recognise equal groups •Make equal groups •Add equal groups	•Multiplication sentences using the × symbol •Multiplication sentences from pictures •Use arrays	End of money unit – link to Christmas  •Find the difference •Find change •Two-step problems	
Year 3	<ul> <li>Add two 3-digit numbers – not crossing 10 or 100</li> <li>Add two 3-digit numbers – crossing 10 or 100</li> <li>Subtract a 3-digit number from a 3-digit number – no exchange - practical</li> </ul>	•Subtract a 3-digit number from a 3-digit number – no exchange •Subtract a 3-digit number from a 3-digit number – exchange •Estimate answers to calculations •Check	Week available if place value or addition and subtraction run over and dependent on assessment week	<ul> <li>Multiplication</li> <li>equal groups</li> <li>Multiplying by</li> <li>Dividing by 3</li> <li>The 3 times-table</li> </ul>	•Multiplying by 4 •Dividing by 4 •The 4 times- table	Multiplying by 8     Dividing by 8     The 8 timestable	Christmas maths or contingency depending on assessment week	
Year 4	Efficient subtraction     Estimate answers     Checking strategies	•Kilometres •Perimeter on a grid •Perimeter of a rectangle •Perimeter of rectilinear shapes	•Multiply by 10 •Multiply by 100 •Divide by 10 •Divide by 100	•Multiply by 1 and 0 •Divide by 1	•Multiply and divide by 6 •6 times-table and division facts •Multiply and divide by 9 •9 times-table and division facts	•Multiply and divide by 7 •7 times-table and division facts	Christmas maths or contingency depending on assessment week	

-5	Use line graphs to solve problems     Read and interpret tables     Two way tables     Timetables	•Multiples •Factors •Common factors •Prime numbers	•Square numbers •Cube numbers •Inverse operations (Multiplication and Division)	•Multiply by 10, 100 and 1,000 •Divide by 10, 100 and 1,000 •Multiply and divide by multiples of 10, 100 and 1,000	•Measure perimeter •Calculate perimeter •Area of rectangles •Area of compound shapes	•Estimate and approximate area	Christmas maths or contingency depending on assessment week	
Year 6 Year	•Simplify fractions •Fractions on a number line •Compare and order fractions by the denominator •Compare and order fractions by the numerator	•Add and subtract fractions (1) •Add and subtract fractions (2) •Adding fractions •Subtracting fractions	•Mixed addition and subtraction problems •Multiply fractions by whole number •Multiply fractions by fractions by	•Divide a fraction by a whole number (1) •Divide a fraction by a whole number (2)	•Four rules with fractions •Fraction of an amount •Fraction of an amount - finding the whole	• The first quadrant • Four quadrants • Translations • Reflections	Christmas maths or contingency depending on assessment week	

# Spring 1

	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	
	Addition and subtraction – numbers to 5 – number bonds to 5	Number and place value – number to 10 – counting to 6, 7 and 8	Number and place value – number to 10 – counting to 9 and 10	Number and place value – number to 10 – comparing groups up to 10	Multiplication and division  – numerical pattern – doubling	Multiplication and division – numerical pattern – halving and sharing	
EYFS	Weight	Weight	Length/height	Length/height	Odd and even numbers	Odd and even numbers	
Year 1	<ul> <li>Add by counting on</li> <li>Find &amp; make</li> <li>number bonds</li> <li>Add by making 10</li> </ul>	<ul> <li>Subtraction – Not crossing 10</li> <li>Subtraction – Crossing 10 (1)</li> <li>Subtraction – Crossing 10 (2)</li> </ul>	•Related Facts •Compare Number Sentences  Time to catch up or consolidate	Numbers to 50  Tens and ones  Represent numbers to 50  One more one less to 50	•Compare objects within 50 •Compare numbers within 50 •Order numbers within 50	•Count in 2s •Count in 5s	
Year 2	Use arrays     Make equal groups – sharing     Make equal groups - grouping	•Odd & even numbers •Divide by 2 •Divide by 5 •Divide by 10	•Make tally charts •Draw pictograms (1-1) •Interpret pictograms (1-1)  DO MOCK SATS AND DO THIS IS IN THE AFTERNOONS — COUNTING CARS ETC	•Draw pictograms (2, 5 and 10) •Interpret pictograms (2, 5 and 10) •Block diagrams	•Recognise 2D and 3D shapes •Count sides on 2D shapes •Count vertices on 2D shapes •Draw 2D shapes	•Lines of symmetry •Lines of symmetry •Sort 2D shapes •Make patterns with 2D	
Year 3	•Comparing statements •Related calculations •Multiply 2-digits by 1-digit (1) •Multiply 2-digits by 1-digit (2)	•Divide 2-digits by 1-digit (1) •Divide 2-digits by 1-digit (2) •Divide 2-digits by 1-digit (3)	Scaling     How many ways?	Pounds and pence Converting pounds and pence Adding money Subtracting money Giving change	<ul><li>Pictograms</li><li>Bar Charts</li><li>Tables</li></ul>	Measure length Equivalent lengths – m & cm Equivalent lengths – mm & cm Compare lengths	

		T		T			
	•11 and 12 times	<ul> <li>Multiply 2-digits by 1-</li> </ul>	•Divide 2-digits by 1-	•What is area?	<ul><li>What is a fraction?</li></ul>	Count in fractions	
	table	digit	digit (1)	<ul> <li>Counting squares</li> </ul>	<ul><li>Equivalent fractions (1)</li></ul>	•Add 2 or more	
	<ul> <li>Factor pairs</li> </ul>	•Multiply 3-digits by 1-	•Divide 2-digits by 1-	<ul><li>Making shapes</li></ul>	<ul><li>Equivalent fractions (2)</li></ul>	fractions	
	•Efficient	digit	digit (2)	Comparing area	•Fractions greater than 1	Subtract 2 fractions	
	multiplication	<ul> <li>Multiply 3 numbers</li> </ul>	Divide 3 digits by 1-			Subtract from whole	
4	Written methods		digit			amounts	
Year			Correspondence				
Ϋ́			problems				
	•Multiply 4-digits by	•Multiply 2-digits by 2-	•Divide 4-digits by 1-	Equivalent fractions	Number sequences	Add and subtract	
	1-digit	digits	digit	•Improper fractions to	Compare and order	fractions	
	Multiply 2-digits	•Multiply 3-digits by 2-	Divide with	mixed numbers	fractions less than 1	•Add fractions within 1	
	(area model)	digits	remainders	Mixed numbers to	Compare and order	•Add 3 or more	
2	,	•Multiply 4-digits by 2-		improper fractions	fractions greater than 1	fractions	
Year		digits				•Add fractions	
Ye		38.00				•Add mixed numbers	
	•Three decimal	Divide decimals by	•Fractions to	Percentage of an	•Find a rule – one step	•Forming equations	
	places	integers	percentages	amount (1)	•Find a rule – two step	•Solve simple one step	
	•Multiply by 10, 100	Division to solve	•Equivalent FDP	Percentage of an	•Forming expressions	equations	
	and 1,000	problems	Order FDP	amount (2)	•Substitution	•Solve two step	
	•	Decimals as fractions	•Order FDP	` '	•Formulae	•	
	•Divide by 10, 100			Percentages – missing	Pormulae	equations	
	and 1,000	•Fractions to decimals		values		•Find pairs of values	
	Multiply decimals	(1)				•Enumerate	
r 6	by integers	•Fractions to decimals				possibilities	
Year	Divide decimals by	(2)					
	integers						

# Spring 2

	Week 22	Week 23	Week 24	Week 25 –	Week 26	Week 27	
	Addition and subtraction –	Addition and	Addition and	Addition and	Addition and subtraction	Addition and	
	addition to 10 – combining two	subtraction – addition	subtraction –	subtraction –	– addition to 10 –	subtraction – addition	
	groups to find a whole	to 10 – combining two	addition to 10 –	addition to 10 –	number bonds to 10,	to 10 – number bonds	
		groups to find a whole	number bonds to 10,	number bonds to 10,	parts/whole model	to 10, parts/whole	
10			tens frame	tens frame		model	
EYFS	Capacity	Capacity	Distance	Distance	Time – everyday language		
	Compare lengths and heights	•Introduce weight and	•Introduce capacity	Assessment week?	•Recognising coins	•Counting in coins	
	Measure length (1)	mass	<ul> <li>Measure capacity</li> </ul>		<ul> <li>Recognising notes</li> </ul>		
r 1	Measure length (2)	Measure mass	Compare capacity				
Year 1		Compare mass					
	•Count faces on 3D shapes	Make equal parts –	Recognise a third	Assessment week	•Equivalence of ½ and	Measure length	
	•Count edges and vertices on 3D	link to division	Find a third		2/4	(cm)	
	shapes	Recognise a half	<ul> <li>Unit fractions</li> </ul>		•Find three quarters	Measure length	
	•Sort 3D shapes	• Find a half	<ul> <li>Non-unit fractions</li> </ul>		•Count in fractions	(m)	
	•Make patterns with 3D shapes	Recognise a quarter				Compare lengths	
		Find a quarter				•Order lengths	
						•Four operations	
						with lengths	
Year 2							
Yea							
	Add lengths	•Unit and non-unit	•Tenths as decimals	Assessment week	•Fractions of a set of	•Equivalent fractions	
	Subtract lengths	fractions	•Fractions of a		objects (2)	(1)	
	Measure perimeter	<ul> <li>Making the whole</li> </ul>	number line	Could reinforce	•Fractions of a set of	•Equivalent fractions	
	Calculate perimeter	•Tenths	•Fractions of a set of	statistic skills in the	objects (3)	(2)	
6		•Count in tenths	objects (1)	afternoon practically		•Equivalent fractions	
Year 3						(3)	
>						From Summer 1	

Year 4	Calculate fractions of a quantity     Problem solving – calculate quantities	<ul> <li>Recognise tenths and hundredths</li> <li>Tenths as decimals</li> <li>Tenths on a place value grid</li> <li>Tenths on a number line</li> </ul>	•Divide 1 digit by 10 •Divide 2 digits by 10 •Hundredths •Hundredths as decimals	Assessment week  Do more on area practically in the afternoon if consolidation is needed	●Hundredths on a place value grid •Divide 1 or 2 digits by 100	Contingency week if any units overrun	
Year 5	Subtract fractions     Subtract mixed numbers     Subtract – breaking the whole     Subtract 2 mixed numbers	•Multiply unit fractions by an integer •Multiply non-unit fractions by an integer •Multiply mixed numbers by integers	•Fraction of an amount •Using fractions as operators  New unit •Decimals up to 2 d.p. •Decimals as fractions (1)	• Decimals as fractions (2)	Understand thousandths     Thousands as decimals     Rounding decimals     Order and compare decimals	•Understand percentages •Percentages as fractions and decimals •Equivalent F.D.P=	
Year 6	•Metric measures     •Convert metric measures     •Calculate with metric measures     •Miles and kilometres     •Imperial measures	•Shapes – same area •Area and perimeter •Area of a triangle (1) •Area of a triangle (2)	<ul> <li>Area of a triangle</li> <li>(3)</li> <li>Area of a parallelogram</li> <li>Volume – counting cubes</li> <li>Volume of a cuboid</li> </ul>	Assessment week	•Using ratio language     •Ratio and fractions     •Introducing the ratio symbol     •Calculating ratio	Using scale factors     Calculating scale factors     Ratio and proportion problems	

## Summer 1

	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33
	Addition and subtraction – count on and	Addition and subtraction	Addition and subtraction	Addition and subtraction	Multiplication and	Multiplication and
	back – adding by counting on	<ul><li>count on and back –</li></ul>	<ul><li>count on and back –</li></ul>	<ul><li>count on and back –</li></ul>	division - numerical	division - numerical
		adding by counting on	taking away by counting	taking away by counting	pattern – doubling	pattern – halving and
1			back	back		sharing
EYFS	Making simple patterns	Making simple patterns	Exploring more complex	Exploring more complex	Money – snack cafe	Money – snack cafe
ш			patterns	patterns		
	Count in 10s	Make arrays	Make equal groups -	<ul> <li>Halving shapes or</li> </ul>	• Find a quarter of a	Describe turns
	Make equal groups	Make doubles	grouping	objects	shape or object	Describe Position
<b>←</b>	Add equal groups		Make equal groups -	<ul> <li>Halving a quantity</li> </ul>	Find a quarter of a	(1)
Year			sharing		quantity	Describe Position
>						(2)
	Describing movement	Arithmetic recap –	SATs week?	SATs week?	O'clock and half past	•Telling the time to 5
	Describing turns	addition and subtraction,			<ul><li>Quarter past and</li></ul>	minutes – this will
	Describing movement and turns	multiplication and division	or problem solving using		quarter to	take at least 3 days
	Making patterns with shapes	in preparation for SATS	efficient methods			
r 2		week				
Year	Chd will have looked at this CC via					
	computing	: : : : : : : : : : : : : : : : : :	AA	T III II II II II	er ir il li ir	
	•Compare fractions	Time available if more	Months and years	•Telling the time to the	•Finding the duration	•Turns and angles
	•Order fractions	time needed for fractions	•Hours in a day	minute	•Comparing the duration	•Right angles in
r S	•Add fractions		•Telling the time to 5	•AM and PM	•Start and end times	shapes
Year	•Subtract fractions		minutes	•24 hour clock	Measuring time in	Compare angles     Draw assurately
	Make a whole	Order decimals	•Dounds and names	Allsing rounding to	seconds	Draw accurately
		Order decimals     Round decimals	Pounds and pence     Ordering amounts of	•Using rounding to	•Hours, minutes and	Analogue to digital –     12 hour
-	Write decimals     Compare decimals		Ordering amounts of	estimate money	seconds	
Year 4	Compare decimals	Halves and quarters	money	•Four operations	•Years, months, weeks and days	Analogue to digital –  24 hour
Ye					allu udys	24 HUUI

Year 5	Adding decimals within 1 Subtracting decimals within 1 Complements to 1 Adding decimals – crossing the whole	Adding decimals with the same number of decimal places Adding decimals with a different number of decimal places Subtracting decimals with the same number of decimal places Subtracting decimals with a different number of decimal places  of decimal places	•Adding and subtracting wholes and decimals •Decimal sequences •Multiplying decimals by 10, 100 and 1,000 •Dividing decimals by 10, 100 and 1,000	Measuring angles in degrees     Measuring with a protractor (1)     Measuring with a protractor (2)     Drawing lines and angles accurately	Calculating angles on a straight line Calculating angles around a point Calculating lengths and angles in shapes	•Regular and irregular polygons •Reasoning about 3D shapes
Year 6	Measure with a protractor     Introduce angles     Calculate angles     Vertically opposite angles     Angles in a triangle	Angles in a triangle – special cases  Angles in a triangle – missing angles  Angles in special quadrilaterals  Angles in regular polygons	•Draw shapes accurately •Nets of 3D shapes  SATs prep	SATs	Use this time to cover any objectives missed due to SATs prep.  Residential?	Use this time to cover any objectives missed due to SATs prep.  Residential?

## Summer 2

	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	
	Number and place value – numbers to 20 – counting to 20	Number and place value – numbers to 20 – counting to 20	Recap/gap filling/assessment	Recap/gap filling/assessment	Consolidation of Geometry as covered throughout the year.		
EYFS	Solving number problems  – doubling / halving and sharing	Solving number problems – doubling / halving and sharing	Solving number problems – doubling / halving and sharing				
Year 1	Counting to 100     Partitioning numbers     Comparing numbers (1)	Comparing     numbers (2)     Ordering     numbers     One more, one less	Assessment week?	Before and after     Dates     Time to the hour	Time to the half hour     Writing time     Comparing time	Consolidation or recapping of counting in 2,5 and 10	
Year 2	Minutes in an hour, hours in a day     Find durations of time     Compare durations of time	More time available for time if needed or consolidation	Assessment week?	Compare mass     Measure mass     in grams     Measure mass     in kilograms	Compare volume     Millilitres     Litres     Temperature	Consolidation or recapping of 2,5 and 10 x table	
Year 3	Horizontal and vertical     Parallel and     perpendicular	•Recognise and describe 2D shapes •Recognise and describe 3D shapes •Make 3D shapes	Assessment week	Measure mass (1) Measure mass (2) Compare mass Add and subtract mass	Measure capacity (1) Measure capacity (2) Compare capacity Add and subtract capacity	Consolidation or recapping of 3, 4 and 8 times table	

Year 4	•Interpret charts •Comparison, sum and difference •Introducing line graphs •Line graphs	•Identify angles •Compare and order angles	• Triangles • Quadrilaterals – practically in the afternoons if possible	•Lines of symmetry •Complete a symmetric figure	<ul> <li>Describe position</li> <li>Draw on a grid</li> <li>Move on a grid</li> <li>Describe a movement on a grid</li> </ul>	Statistics has been condensed into a week rather than 2 so use this week to recap if children are still finding	
>			·			this tricky	
	•Position in the first	<ul> <li>Kilograms and</li> </ul>	Assessment week	•Converting units	•What is volume?	Spend more time	
	quadrant	kilometres		of time	Compare volume	of telling the time	
	<ul><li>Reflection</li></ul>	<ul> <li>Milligrams and</li> </ul>	Do basics of telling	<ul><li>Timetables</li></ul>	<ul> <li>Estimate volume</li> </ul>	if required	
	Reflection with	millilitres	the time – recapping		<ul> <li>Estimate capacity</li> </ul>		
	coordinates	<ul> <li>Metric units</li> </ul>	time to the nearest				
2	<ul><li>Translation</li></ul>	<ul> <li>Imperial units</li> </ul>	minute and 12/24hr				
Year	•Translation with		conversion in the				
	coordinates		afternoons				
	•Read and interpret line	•Read and	Use this time to complete any blocks missed or skimmed depending on cohort need in				
	graphs	interpret pie charts	preparation for SATs - t				
	Draw line graphs	•Pie charts with	SATs completed throughout the year. If this time is not needed for that, children to				
9	•Use line graphs to solve	percentages	complete investigations using Nrich, NCETM, see WR website from problem solving				
Year6	problems	•Draw pie charts	and investigation ideas too.				
	•Circles	•The mean					