Year 3 and 4 Numeracy Long term map Year 2024 2025 Updated Apr 25

Week	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
Autum n (8+7)	Settling Number: Place Value in to (5 weeks) new class					Year Value (Roma and F Year 3 and Su Ado subtrac	4 – Place continued n Numerals Rounding) – Addition btraction – ding and cting 1s, 10s id 100s	Addition and Subtraction (5 weeks) Multiplica (5 weeks) Mental (1 week)					Multiplica tion and Division – Mental (1 week)		
Friday Lesson – Shape									Frida (+Mento	ıy lesson — T al Add and :	TRockstars le subtract inter	essons rvention)			
Spring (6+6)	Multiplication and Division – Mental and Written methods (6 weeks) Friday lesson –TTRockstars/X table facts								Fractions (6 weeks) Revision of written methods and word problems Friday lesson – TTRockstars/X table facts						
Summ er (5+7)	Decimals (Year 4) Decimals- tenths, Multiplication tables and written methods (Year 3) (3 weeks)			Money (1 week)	Statistic s (1 week)				Yea Perime (both 4) taug yea Posi Directi and Ar taugh yea (2	r A – All eter lessons Year 3 and ght to both r groups ir B – All tion and on (Year 4) rea (Year 4) rea (Year 4) nt to both r groups weeks)	Year A (Year 3 4) taugl year Year 1 and C (Year 3) both ye (2 w	– Length and Year nt to both groups B - Mass Capacity taught to ar groups veeks)	T (2 v	ime veeks)	Last week of term

*Please note that these plans may change due to the speed and coverage needed for particular groups or children. They also may be taught in a different order depending on how it links with other curricular areas.

<u>Coverage</u>

Number- Place Value	Number – Addition and Subtraction
Read and write numbers up to 1000 in numerals and in words.	Add and subtract numbers mentally, including: a three digit number and ones; a three-
Read and write numbers up to 10000 in numerals and in words.	digit number and tens; a three digit number and hundreds.
Identify, represent and estimate numbers using different representations.	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
Find 10 or 100 more or less than a given number. Find 1000 more or less than a	Add and subtract numbers with up to 4 digits using the formal written methods of
given number.	columnar addition and subtraction where appropriate.
Recognise the place value of each digit in a 3 digit number.	Estimate the answer to a calculation and use inverse operations to check answers.
Recognise the place value of each digit in a 4 digit number.	Estimate and use inverse operations to check answers to a calculation.
Order and compare numbers to 1000.	Solve problems, including missing number problems, using number facts, place value, and
Order and compare numbers beyond 1000.	more complex addition and subtraction.
	Solve addition and subtraction two step problems in contexts, deciding which
Count from 0 in multiples of 50 and 100	operations and methods to use and why.
Count in multiples of 25 and 1000	
Solve number problems and practical problems involving these ideas. Solve number and practical problems that involve all of the above and with increasingly large positive numbers.	
Count backwards through zero to include negative numbers.	
Round any number to the nearest 10, 100 or 1000	
Read Roman numerals to 100 (I to C) and know that over time, the numeral system	
changed to include the concept of zero and place value.	

Number – multiplication and division	Fractions	Fractions and Decimals
Count from 0 in multiples of 4 and 8	Recognise and use fractions as numbers: unit fractions	Count up and down in tenths; recognise that tenths arise
Count in multiples of 6, 7 and 9	and non-unit fractions with small denominators.	from dividing an object into 10 equal parts and in dividing
		one-digit numbers or quantities by 10
Recall and use multiplication and division facts for the 3, 4	Recognise, find and write fractions of a discrete set of	
and 8 multiplication tables.	objects: unit fractions and non-unit fractions with small	Count up and down in hundredths; recognise that
Recall and use multiplication and division facts for	denominators.	hundredths arise when dividing an object by one
multiplication tables up to 12 × 12.		hundred and dividing tenths by ten.
	Compare and order unit fractions, and fractions with the	
Use place value, known and derived facts to multiply and	same denominators.	Recognise and write decimal equivalents of any number
divide mentally, including: multiplying by 0 and 1;		of tenths or hundredths.
dividing by 1; multiplying together three numbers.	Solve problems that involve all of the above.	
Find the effect of dividing a one- or two-digit number by	Colus problems involving increasingly border fractions to	Recognise and write decimal equivalents to a quarter,
answer as ones, tenths and hundredths	solve problems involving increasingly harder fractions to	han and three quarters
Recognise and use factor pairs and commutativity in	including non-unit fractions where the answer is a whole	
mental calculations.	number.	Bound decimals with one decimal place to the nearest
		whole number.
Write and calculate mathematical statements for		
multiplication and division using the multiplication tables	Recognise and show, using diagrams, equivalent fractions	Compare numbers with the same number of decimal
they know, including for two-digit numbers times one-	with small denominators.	places up to two decimal places.
digit numbers, using mental and progressing to formal	Recognise and show, using diagrams, families of common	
written methods.	equivalent fractions.	
Multiply two digit and three digit numbers by a one digit		
number using formal written layout.	Add and subtract fractions with the same denominator	
	within one whole.	
Solve problems, including missing number problems,	Add and subtract fractions with the same denominator.	
involving multiplication and division, including positive		
integer scaling problems and correspondence problems in		
which n objects are connected to m objectives.		
Solve problems involving multiplying and adding,		
including using the distributive law to multiply two digit		
numbers by one digit, integer scaling problems and		
connected to m objects		

Measurement:	Geometry: Properties of Shapes	Measurement: Time	Measurement:	Co-ordinates (Y4)	Statistics	Measurement –
Money			volume and			Length, Perimeter
			capacity (Y3)			and Area
Add and subtract	Recognise angles as a property of	Tell and write the time from an	Measure,	Describe positions	Interpret and	Measure, compare,
amounts of money	shape or a description of a turn.	analogue clock, including using	compare, add and	on a 2D grid as	present data using	add and subtract:
to give change		Roman numerals and 12-hour and	subtract: mass	coordinates in the	bar charts,	lengths (m/cm/mm).
using both £ and p	Identify right angles, recognise	24-hour clocks.	(kg/g);	first quadrant.	pictograms and	
in practical	that two right angles make a half-		volume/capacity		tables.	Measure the
contexts.	turn, three make three quarters	Read, write & convert time	(l/ml).	Describe		perimeter of simple
	of a turn and four a complete	between analogue and digital 12		movements	Interpret and	2D shapes.
Estimate, compare	turn; identify whether angles are	and 24 hour clocks.		between positions	present discrete	Measure and
and calculate	greater than or less than a right			as translations of a	and continuous	calculate the
different	angle.	Estimate and read time with		given unit to the	data using	perimeter of a
measures,		increasing accuracy to the nearest		left/ right and up/	appropriate	rectilinear figure
including money in	Identify acute and obtuse angles	minute.		down.	graphical methods,	(including squares)
pounds and pence.	and compare and order angles				including bar	in centimetres and
	up to two right angles by size.	Record and compare time in terms		Plot specified	charts and time	metres
Solve simple		of seconds, minutes and hours.		points and draw	graphs.	
measure and	Identify horizontal and vertical			sides to complete a		Continue to measure
money problems	lines and pairs of perpendicular	Convert between different units of		given polygon.	Solve one-step and	using the appropriate
involving fractions	and parallel lines.	measure eg hour to minute.			two-step questions	tools and units,
and decimals to					(for example, 'How	progressing to using
two decimal	Identify lines of symmetry in 2D	Use vocabulary such as o'clock,			many more?' and	a wider range of
places.	shapes presented in different	a.m./p.m., morning, afternoon,			'How many	measures, including
	orientations.	noon and midnight.			fewer?') using	comparing and using
					information	mixed and simple
	Complete a simple symmetric	Know the number of seconds in a			presented in scaled	equivalents of mixed
	figure with respect to a specific	minute and the number of days in			bar charts and	units.
	line of symmetry.	each month, year and leap year.			pictograms and	
					tables.	Convert between
	Draw 2-D shapes and make 3-D	Solve problems involving				different units of
	shapes using modelling materials;	converting from hours to minutes;			Solve comparison,	measure eg
	recognise 3D shapes in different	minutes to seconds; years to			sum and difference	kilometre to metre.
	orientations and describe them.	months; weeks to days			problems using	
					information	Find the area of
	Compare and classify geometric				presented in bar	rectilinear shapes by
	shapes, including quadrilaterals				charts, pictograms,	counting squares.

and triangles, based on their	Compare durations of events (for		tables and other	
properties and sizes.	example to calculate the time		graphs.	
	taken by particular events or tasks).			