Maths LTP - Year 4

Key place value objectives: (Focus for starter activities/ basic skills. Objectives should underpin all mathematical skills.)

Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

Order and compare numbers beyond 1000

Round any number to the nearest 10, 100 or 1000.

Find 1000 more or less than a given number

Count backwards through zero to include negative numbers.

Identify, represent and estimate numbers using different representations.

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. Count in multiples of 6, 7, 9, 25 and 1000.

Recall multiplication and division facts for multiplication tables up to 12×12

Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

Autumn	Spring	Summer
WK1- Identify, represent and estimate numbers	Wk1- Multiply two-digit and three-digit numbers	Wk1- Count up and down in hundredths;
using different representations.	by a one-digit number using formal written	recognise that hundredths arise when dividing an
Recognise the place value of each digit in a four-	layout	object by one hundred and dividing tenths by ten.
digit number (thousands, hundreds, tens, and		
ones)	Wk2 - Find the area of rectilinear shapes by	Wk2- Recognise and show, using diagrams,
	counting squares	families of common equivalent fractions
WK2 - Find 1000 more or less than a given number		
Order and compare numbers beyond 1000	Wk3- Convert between different units of measure	Wk3- Recognise and write decimal equivalents of
Round any number to the nearest 10, 100 or 1000.	[for example, kilometre to metre; hour to minute]	any number of tenths or hundredths.
	Wk4- Solve problems involving multiplying and	Wk4- Recognise and write decimal equivalents to
Wk3- Count backwards through zero to include	adding, including using the distributive law to	¼, ½ and 2/4
negative numbers.	multiply two-digit numbers by one digit, integer	
Read Roman numerals to 100 (I to C) and know	scaling problems and harder correspondence	Wk5- Identify lines of symmetry in 2-D shapes
that over time, the numeral system changed to	problems such as n objects are connected to m	presented in different orientations
include the concept of zero and place value.	objects.	
		Wk6- Complete a simple symmetric figure with
(This can happen in each week) Solve number and	Wk5- Estimate and use inverse operations to	respect to a specific line of symmetry.

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practical problems that involve all of the above	check answers to a calculation	
and with increasingly large positive numbers	CHECK answers to a calculation	
and with increasingly large positive numbers		
Wk4 - Estimate and use inverse operations to		
check answers to a calculation.		
check answers to a calculation.		
WK5 - Add and subtract numbers with up to 4		
digits using the formal written methods of		
columnar addition and subtraction where		
appropriate		
Wk6 - Measure and calculate the perimeter of a		
rectilinear figure (including squares) in		
centimeters and meters		
centimeters and meters		
WK7- Estimate, compare and calculate different		
measures, including money in pounds and pence.		
measures, including money in pounds and pence.	-	
Wk1- Solve addition and subtraction two-step	WK1- Read, write and convert time between	Wk1- Solve problems involving increasingly
problems in contexts, deciding which operations	analogue and digital 12- and 24-hour clocks	harder fractions to calculate quantities, and
and methods to use and why.		fractions to divide quantities, including non-unit
	Wk2- Solve problems involving converting from	fractions where the answer is a whole number
Wk2- Interpret and present discrete and	hours to minutes; minutes to seconds; years to	
continuous data using appropriate graphical	months; weeks to days.	Wk2 - Add and subtract fractions with the same
methods, including bar charts and time graphs.		denominator
Solve comparison, sum and difference problems	Wk3- Identify acute and obtuse angles and	
using information presented in bar charts,	compare and order angles up to two right angles	Wk3 - Solve simple measure and money problems
pictograms, tables and other graphs.	by size	involving fractions and decimals to two decimal
		places.
Wk3- Round decimals with one decimal place to	Wk4- Describe positions on a 2-D grid as	
the nearest whole number	coordinates in the first quadrant.	
Compare numbers with the same number of	Describe movements between positions as	

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decimal places up to two decimal places.	translations of a given unit to the left/right and up/down	
Wk4- Count in multiples of 6, 7, 9, 25 and 1000. Recall multiplication and division facts for	Wk5- Plot specified points and draw sides to	
multiplication tables up to 12 × 12 Use place value, known and derived facts to multiply and divide mentally, including:	complete a given polygon.	
multiplying by 0 and 1; dividing by 1; multiplying together three numbers		
Wk5- Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths		
and hundredths		
WK6 - Recognise and use factor pairs and commutativity in mental calculations		