LTP 3 Year Rolling Programme- Maths- Steps 10-12

Pupil's baseline data will provide a starting point each term. Pupils are expected to build upon that baseline throughout the term.

If pupils are not secure with the knowledge from the previous half term/unit these skills should be revisited before moving on. E.g. if pupils are not secure with Place Value/addition and subtraction up to 10, this should be recapped before moving onto place value up to 20.

If a pupil's baseline in Term 1 shows that they are confident with numbers up to 10 then their curriculum coverage should begin where their baseline shows.

Year 1

FOCUS

Skills and Knowledge

Half Term 1

Half Term 2

Term 1:

Place Value

Step 10		Step 11		Step 12	
I can count up to 20 items.	EL1	I can read and and write 0-20 in words	EL1	I can count from 0 in steps of ten upto 100	EL1
I can count on from or back from a given number within 20.	EL1	I understand comparative language. Fewer, more, same. more than, less than, most, least	EL1	I can read and write numbers up to 50.	EL1
I can read and write the numerals 0-20	EL1	I can compare numbers up to 20, including zero	EL1	I can describe the number of tens and ones in a number upto 50	EL1
I can represent numbers using objects and pictorial representations.	EL1	I can order numbers within 20	EL1	I can partition a number into tens and ones (within 50)	EL1
I can fill in a missing number up to 20 on a number line	EL1	I can estimate where a number up 20 would be positioned on a number line.	EL1	I can estimate where a number up 50 would be positioned on a number line.	EL1
		I understand and recognise 10 is the same as ten ones.	EL1		EL1
		I understand that 11, 12, 13 ... etc can be represented as 10 and some ones.	EL1		EL1

Addition and Subtraction

Step 10		Step 11		Step 12	
I can understand and use a part whole model.	EL1	I can add 1 digit and 2 digit numbers to 20 using concrete representations.	EL1	I can add 1 digit and 2 digit numbers to 20 using abstract representations.	EL1
I can name and understand the + and = sign.	EL1	I can add 1 digit and 2 digit numbers to 20 using pictorial representations.	EL1	I can subtract 1 digit and 2 digit numbers within 20 using abstract representations.	EL1
I can represent and use addition number bonds to 10.	EL1	I understand and use + signs to write a number sentence and solve number problems	EL1	I can solve 1 step problems that involve addition	EL1
I can represent and use the related subtraction to number bonds to 10.	EL1	I can subtract 1 digit and 2 digit numbers within 20 using concrete representations.	EL1	I can solve 1 step problems that involve subtraction.	EL1
I understand addition as adding together or adding more.	EL1	I can subtract 1 digit and 2 digit numbers within 20 using pictorial representations.	EL1	I understand equality. E.g. 5 + 2 = 3+ ?	EL1
I can name and understand the - sign.	EL1	I understand and use - signs to write a number sentence and solve the number problems	EL1	I can apply my knowledge of number bonds when solving addition and subtraction sums.	EL1
I understand subtraction as taking away, how many left, crossing out or finding a part.	EL1	I can represent and use addition number bonds to 20.	EL1		
I can solve a subtraction by counting back on a number line.	EL1	I can represent and use the related subtraction to number bonds to 20.			
I can find an addition/subtraction fact family. (within 10)	EL1	I can understand and use the vocab realetd to addition			
I can add and subtract 1 and 2 within 10.	EL1	I can undertand and use the vocabualry realted to subtraction.			

Term 2:

Place Value/Addition and Subtraction

Pupils should continue with Place Value/Addition and Subtraction learning from Autumn Term

Multiplication and Division

Step 12	
I can count in 2s	
I can count in 10s	
I can count in 5s	
I can recognise equal groups.	
I can add equal groups.	
I can make arrays.	
I can make a double.	
I can make equal groups by grouping.	
I can make equal groups by sharing.	

Term 3:

Fractions

Step 12	
I can recognise half of a shape.	Entry Level 1
I can find half of a shape.	Entry Level 1
I can find half of a quanity up to 20.	Entry Level 1
I can work out half of an even number up to 20.	Entry Level 1

Money

Step 10- Year 1		Step 11- Year 1		Step 12- Year 1	
I can recognise coins. (1p, 2p, 5p, 10p, 20p, 50p, £1 £2)	Entry Level 1	I can use coins to make amounts up to 20p.	Entry Level 1	I can add coins up to the value of 20p.	Entry Level 1
I can recognise £5, £10 and £20 notes.	Entry Level 1	I can use £1 and £2 coins to make amounts up to £10.	Entry Level 1	I can add £1 and £2 coins up to the value of £10.	Entry Level 1
I can count in 2p, 5p and 10p coins	Entry Level 1	I can use coins to make amounts of money in different ways. (Show two different ways of making 9p) (Upto 20p)	Entry Level 1		Entry Level 1

Time

Step 10		Step 11		Step 12	
I can understand and use the words 'before' and 'after'.	Entry Level 1	I can tell the time to the nearest hour (o'clock)	Entry Level 1	I can tell the time to the nearest half hour (o'clock and half past)	Entry Level 1
I can name the days of the week and put them in order.	Entry Level 1	I can order a set of familiar events (order of brushing teeth, getting ready for school etc)	Entry Level 1	I can work out if an activity will take seconds, minutes or hours.	Entry Level 1
	Entry Level 1		Entry Level 1	I can order periods of time. (no converting between seeond/minutes/hours)	Entry Level 1

Shape

Step 10 -		Step 11 -		Step 12 -	
I can recognise and name squares, triangles, rectangles and circles.		I can compare and order a group of shapes.		I can describe position with left and right.	EL1
I show an awareness of 3D shapes.		I can recognise congruent shapes. (shapes that are exactly the same)		I can describe direction with forwards and backwards.	EL1
I can name a cube.				I can describe position with above and below.	EL1

Measure

Step 10 - Year 1 L and H, M and V		Step 11 - Year 1 L and H, M and V		Step 12 - Year 1 L and H, M and V	
I can compare lengths and heights using comparison language. (taller, tallest, shorter,shortest, longer, longest etc)		I can measure lengths using non-standard measures. (e.g. cubes, hands etc)		I can measure a line or an object in centrimetres.	EL1
I can compare mass using comparison language. (heavier, lighter, heaviest, lightest etc)		I can use a balance scale (or picture of) to compare mass.		I can give the length of a line on a centimetre grid.	EL1
I can use full, empty, nearly full, nearly empty to describe capacity		I can measure mass using non-unit measure (The apple weighs 5 cubes)		I can use the fraction half to describe capacity (e.g. the glass is half full, the jug is less than half full)	EL1
		I can measure capacity using non-standard measure. (The jug holds 3 cups of water)			EL1