Oaktree School Curriculum Ladder

Maths: Number Step 2 (7-12)

Pupil:_____

Learning target:	Date
I can collect objects	
I can pick up and put down objects	
I can hold one object	
I can see that all the objects have gone	
I can help to count	
I can help to match things up – one to one (ie. setting the table. 1 for Jack, 1 for …)	
I listen to and watch counting activities	
I join in actions in rhymes	
I can ask for more	
I follow counting or picture sequences	
I respond the word 'give'	
I respond the words 'give me more'	

7 up to 2	8 up to 4	9 up to 6	10 up to 8	11 up to 10	12 up to 12

Jottings

End of Autumn Term		End of Autumn Term	
End of Spring Term		End of Spring Term	
End of Summer Term		End of Summer Term	

Pupil:_____

Learning target:	Date
I can rote count to 2	
I can rote count to 3	
I can recognise the numeral 1	
I can recognise the numeral 2	
I can count 1 object	
I can count 2 objects	
I understand the term 'lots'- *there are lots of cars*	
I can make a group of 'lots'	
I can match an object to an object e.g. a dog to a kennel, a cat to the cat house	
I join in simple finger rhymes- *for some pupils, words only*	
Sorting: I can find one the same as (*colour, shape*)	
I can sort 2 objects into two groups	
I can 1:1 match to a colour (*red car to red label*)	
I can match pairs of objects	

13 up to 2	14 up to 4	15 up to 7	16 up to 10	17 up to 12	18 up to 14

Jottings

End of Autumn Term		**End of Autumn Term**	
End of Spring Term		**End of Spring Term**	
End of Summer Term		**End of Summer Term**	

Oaktree School Curriculum Ladder

Maths: Number Step 4 (19-24)

Pupil:_____

Learning target:	Date
I can rote count to 4	
I can rote count to 5	
Numbers to 3: I can recognise the numerals 1, 2 and 3	
I can count 3 objects	
I can collect 3 objects	
I can collect 'lots' of objects- *lots of pencils*	
I join in number rhymes	
I can match objects (cups to saucers, etc.)	
I know that 3 sweets is a better choice than 1	
Sorting: I can sort equipment *cutlery, PE Equipment, by size*	
I can match related objects *e.g. forks and knives with cutlery*	
I can spot the one that does not belong	
I can collect objects from the correct place e.g. *lego from the lego box*	
I can sort into three groups *e.g. 3 colours*	
Patterns: I can copy simple line patterns *e.g. red brick, yellow, brick, red brick…* for up to 6 bricks	
I can copy simple line patterns for up to 10 bricks	

19	20	21	22	23	24
up to 3	up to 6	up to 8	up to 10	up to 13	up to 16

End of Autumn Term		**End of Autumn Term**	
End of Spring Term		**End of Spring Term**	
End of Summer Term		**End of Summer Term**	

Pupil:_____

Learning target:	Date
I can rote count to 7	
I can rote count to 10	
I can count and recognise the numeral 4	
Numbers up to 5 I can count 5 objects	
I can recognise and sequence the numerals 1 to 5	
I can put out the correct quantity on the numerals (from 1 to 5)	
I can count objects <u>accurately</u> by moving the ones I have counted OR by marking the ones I have counted (maybe using dashes, dots or ticks)	
When comparing two sets of objects, I can know which is the smaller or larger amount	
I understand the term ' one more'	
I can add one more and count	
I can take away one and count the amount left	
I am confident in joining in number counting and games	
Patterns: I can copy a simple line pattern (*including threading)*	
Sorting: I can sort objects into two groups *big/small, silver/copper*	
I know what ' how many?' means	
I can complete a simple puzzle (up to 10 pieces)	

25 up to 2	26 up to 5	27 up to 8	28 up to 11	29 up to 14	30 up to 16

End of Autumn Term			**End of Autumn Term**	
End of Spring Term			**End of Spring Term**	
End of Summer Term			**End of Summer Term**	

Oaktree School Curriculum Ladder

Maths: Number Step 6 (31-36)

Pupil:_____

Learning target:	Date
I can rote count to 12	
I can continue rote counting from a given start point e.g. 3….	
Numbers to 6 and 7: I can count 7 objects	
I can match a quantity to the numerals up to 7	
I can sequence the numbers 1 to 7	
I can place the missing numbers on the number line , to 7	
I can use a simple tally chart to count and collect information IIIIIII	
I have a go at guessing the number of objects (estimate)	
I can check my guess (estimate)	
I can record the numbers to 3- *writing, word processing or choosing the correct numeral- where necessary*	
Calculations: I can answer the question ' how many more?'	
From a given number to 5, I can say the number after	
From a given number to 5, I can say the number before	
From a given number to 5, I can say the number one more	
From a given number to 5, I can say the number one less	
I can add 1 more, and count how many now, up to 5	
I can add 1 more, and count how many now, up to 7	
I can take away (remove) 1 ,and count how many now, up to 5	
I can take away (remove) 1 ,and count how many now, up to 7	
Ordinal Numbers: I can use the ordinal numbers: *first, last*	
Patterns: I can continue a 2 step sequence -0-0-0	
I can continue a 3 step sequence (without a repeat) -0I-0I-0I	
I can continue a 3 step sequence (with a repeat) -00-00-00	
I know how to **take turns** in a game (led by adults)	

I can understand the words 'a lot' *e.g. there are a lot of people in the…*	
Matching : I know if objects are the **same** or **different**	
I can play using a dice or dominoes, with spots- realizing the number value	

31	32	33	34	35	36
up to 5	up to 9	up to 13	up to 18	up to 22	up to 27

Jottings

End of Autumn Term			**End of Autumn Term**	
End of Spring Term			**End of Spring Term**	
End of Summer Term			**End of Summer Term**	

Pupil:_____

Learning target:	Date
I can rote count to 15	
I can rote count backwards from 5	
I can count 9 objects accurately	
I can match a quantity to the numerals up to 9	
I can sequence the numbers 1 to 9	
I can place the missing numbers on the number line, to 8	
I can record the numbers to 5 *writing, word processing*	
Calculations: From a given number to 8, I can say the number before and after	
I know the term: **add**	
I know the term **makes**: e.g. 4 and 1 makes 5	
I know what **take-away** means	
I can do 'take away' or subtraction sums using objects to 5 *I know that if I have 5 biscuits and give away 1 biscuit, I have 4 biscuits left*	
Money: I can recognise 1p coins	
I know p means penny or pennies	

37 up to 5	38 up to 9	39 up to 14

End of Autumn Term			**End of Autumn Term**	
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End of Summer Term			**End of Summer Term**	

Pupil:_____

Learning target:	Date
I can rote count backwards from 8	
I can rote count in tens up to 100	
Numbers up to 10: I can count to 10	
I know my numbers to 10	
I can sequence the numbers 0 to 10	
I can compare 2 numbers up to 10, recognizing smallest and largest	
I can say which number is more or less, when comparing 2 numbers up to 10	
Calculations: From a given number to 10, I can say the number before and after	
I can answer a simple- one step, everyday life problem, using addition with numbers up to 5	
I can add numbers to 5	
I can subtract numbers to 5	
I can read and use the symbols + - =	
Ordinal Numbers: I know which is first, second, third	

40 up to 4	41 up to 8	42 up to 13

Jottings

End of Autumn Term			End of Autumn Term	
End of Spring Term			End of Spring Term	
End of Summer Term			End of Summer Term	

Pupil:_____

Learning target:	Date
I can count to 20	
I can count backwards from 10 to 0	
I can read and record the numbers to 20	
I know number bonds of five	
Numbers up to 10 **Subtraction**: From a given number to 10, I can count on to 10	
I can add to ten	
I can subtract to 10	
Vocabulary: altogether	
total	
sum	
Take away	
How many left?	
How many gone?	
Money: I can give equivalent amounts to 5p	
Ordinal Numbers: I know first, second, third, fourth, fifth	

43	44	45
up to 5	up to 10	up to **15**

Jottings

End of Autumn Term		End of Autumn Term	
End of Spring Term		End of Spring Term	
End of Summer Term		End of Summer Term	

Pupil:_____

Learning target:	Date
I can count in tens to 100	
Number up to 20: I can estimate a group of objects to 20	
I can check to see if I was correct	
I can record numbers from 0 to 20	
I can order4 numbers from smallest to largest or vice versa	
Place Value: I understand the term **tens**	
I understand the term **units/ones**	
I know what happens when I add 10 to a single digit number	
I know what happens if I take away a 10 from a teen number	
I know what happens if I take away a single digit from a teen number	
I know the number bonds to 10	
I can use +, - and = to independently record	
I can respond quickly to addition and subtractions problems to 5	
I can find the **double** (by counting on)	
I can count in two's to 10	
I can count in two's to 10 starting at 1	
I can backwards in two's from 10	
I know the **even** numbers to 20	
I know the **odd** numbers to 20	
I am familiar with a symbol representing a number	
Ordinal Numbers: I know first ......to sixth and last	

46	47	48
up to 7	up to 14	up to 21

End of Autumn Term			End of Autumn Term	
End of Spring Term			End of Spring Term	
End of Summer Term			End of Summer Term	

Oaktree School Curriculum Ladder

Maths: Number Step 11 (49-51)

Pupil:_____

Learning target:	Date
I can count to 40	
Numbers to 50: I can read and record numbers to 50 in digits and words	
I can rote count backwards from 50 to 0	
I can say the number **after** a number---to 50	
I can say the number **before** a number—to 50	
I can place the tens on a number line between 0 and 50	
I can find the missing numbers to 50	
I know the value of each digit in a number and can partition (*i.e. 34 3 stands for 30 and 4 stands for 4 units)*	
Fractions: I use the terms half, halves, quarters and whole	
I recognize the symbols ½ and ¼	
I can halve an even number to 20	
Calculations: I can answer addition and subtraction questions to 20	
I can add 10 to a number to 50	
I can take away ten from a number to 50	
I can solve, one step, real life number stories	
Money: I recognize 1p, 2p, 5p, 10p, 20p and 50p coins	
I can give equivalent amounts to 50p	
I can give change from 20p	
I can solve money problems- one step	

49 up to 6	50 up to 13	51 up to 19

End of Autumn Term		**End of Autumn Term**	
End of Spring Term		**End of Spring Term**	
End of Summer Term		**End of Summer Term**	

Pupil:_____

Learning target:	Date
I can count in five's to 100	
I can count backwards in five's from 100 to 0	
I can count in 100's to 1000	
Numbers up to 100: I can read and record numbers to 100	
I can count objects to 100	
I can read and record number words	
I can order numbers up to 100 (e.g. 43, 56, 84, 98) from smaller to larger or vice versa	
I understand the term **sequence**	
I understand the term **predict**	
I can **round** numbers up or down to nearest 10	
Fractions: I can shade in ½'s of a shape with different portions	
I can halve even/ odd numbers to 100	
Mental Calculations: I recognise that addition can be done in any order	
I can add multiples of 10, (*e.g. 30 + 40=)*	
I can subtract multiples of 10, (*e.g. 50- 20=)*	
Multiplication: I know that multiplication is repeated addition	
I can use the rectangular array for x2 :::::	
I know the 2 times table facts	
Division: I understand that division is sharing equally	
I understand division as grouping	
I can read and use the ÷ sign	
I know that the = sign means 'is the same' i.e. 10+4 = 2 x 7	
Money: I know the different coins including £1 and £2	
I know the £ p notation	
I can use different coins to make £1	
I can **total** shopping bills using coins	

52	53	54
up to 9	up to 18	up to 26

Jottings

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End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Pupil:_____

Learning target:	Date
I can read and record numbers to 1000 in digits and words	
I can count in hundreds to 1000	
I can count to 1000	
I can quickly identify odd and even numbers	
I know the value of each digit to 1000	
I can partition numbers to 1000, thousands/ hundreds/ tens/ units	
I can understand that multiplying by 10, moves the digits 1 place to the left & is 10 times more 43x10= 430	
I can understand that dividing by 10, moves the digits 1 place to the right & is 10 times less 430÷10=43	
Fractions: I can recognise a fraction of a shape	
I can recognise the symbols ½, ¼, 1/8 1/10	
I can identify equivalent fraction i.e. 2 quarters is one half	
I understand the terms **decimal** and **decimal point**	
I realize that the digits after the decimal point mean tenths i.e. 0.3 = 3/10	
I realize that the digits after the decimal point mean hundredths 0.34= 34/100	
I use decimal notation for money	
I can round money up and down written with a decimal i.e. £4.30~ £4 £4.80~£5	
I can find **50%** of an amount by halving	
I can find 10% of an amount i.e. 10% of 200= 20	
I can understand simple **ratios**	
I recognise the fraction equivalent of 25%, 50%, 75%	
Calculations: I can quickly recall addition and subtraction to 20	
Addition & Subtraction: I can solve addition and subtraction of 2 and 3 **digit** problems, using mental and written methods	
Multiplication and Division: I can recall the 2x, 3x, 4x, 5x, 10x	

I recognise division facts related to 2, 3, 4, 5, 10 times tables	
I understand that 15÷3 ≠ 3÷15	
I can solve whole division problems, including remainders	
Negative Numbers: I recognise negative numbers in the context of temperature	
I can fill in number on a number line from -10 to 10	
I can tell which temperature is warmer than or colder than	

55	56	57	58	59	60	61	62	63
up to 3	up to 6	up to 9	up to 13	up to 16	up to 19	up to 23	up to 26	up to 29

Jottings

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Pupil:_____

Learning target:	Date
I can recognize and describe number patterns	
I can multiply and divide whole numbers by 10 or 100	
I can work with **multiples, factors**	
I know how to find **square numbers**	
I know how to find the corresponding **square roots**	
I can recognize **prime numbers**	
I can use symbols correctly, including less than < ,greater than>, and equals=	
I can order a set of positive and negative numbers	
I can order numbers that have one or two **decimal places**	
I can order decimals with up to three decimal places	
I can add and subtract 3 and 4 digit numbers	
I can interpret a calculator display to show money	
Multiplication and Division: I know all my multiplication tables to 10x	
I can use multiplication facts to solve division problems	
I can multiply any 2 or 3 digit number by a 1 digit number	
I can multiply any 2 or 3 digit number by a 2 digit number	
Fractions: I can work out 10%, 25% or 50% of numbers or shapes and know their connections to fractions	
I can work out what needs to be added to a fraction to make it a whole one	
I can round a decimal to the nearest whole one	
I can work out percentages of whole numbers or shapes	
I can recognise equivalent fractions, decimals & percentages	
I can find fractions of numbers & quantities eg 5/8 of 32	

I can order fractions such as 2/3, 3/4, 5/6, by changing to common denominator

64	65	66	67	68	69	70	71	72
up to 2	up to 4	up to 6	up to 9	up to 11	up to 14	up to 17	up to 20	up to 23

Jottings

End of Autumn Term		End of Autumn Term	
End of Spring Term		End of Spring Term	
End of Summer Term		End of Summer Term	

Pupil:_____

Learning target:	Date
I can round decimals to the nearest decimal place	
I recognise, use and predict number patterns and relationships	
I can multiply and divide whole numbers and decimals by 10, 100 & 1000 and explain the effect	
I can order negative numbers	
I can use fraction equivalences	
I can reduce a fraction to its simplest form	
I can order decimals and different fractions	
I understand and can work with simple ratio and proportion	
I can apply inverse operations	
I can use brackets appropriately	
I can use my knowledge of maths to help me to calculate efficiently	
I can add and subtract negative numbers	
I can estimate using approximations	
I can use all four operations with decimals to 2 places	
I can calculate fractions / percentages of quantities	
I can multiply and divide a 3 digit number by a 2 digit number	
I can solve problems involving negative numbers	
I can solve problems involving ratio and proportion	
I can use inverses, estimates etc to check solutions	
I can express simple formulae using symbols	
I can use letters to represent numbers in an equation	
I can use and interpret co-ordinates in all four quadrants	

73	74	75	76	77	78	79	80	81
up to 2	up to 4	up to 7	up to 9	up to 11	up to 14	up to 16	up to 19	up to 22

End of Autumn Term		End of Autumn Term	
End of Spring Term		End of Spring Term	
End of Summer Term		End of Summer Term	