YEAR 3 – Term 1

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)			
Recall 2x, 5x and 10x tables and division facts		Order numbers	
Recall addition and subtraction facts to 10		O'clock, half past, quarter past and to.	
Recall multiples of ten addition and subtraction facts		Find half	
Days	Topic	Objectives: children will be taught to	
6	Number and Place Value	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	
		Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	
		Compare and order numbers up to 1000	
		Identify, represent and estimate numbers using different representations	
5	Addition and Subtraction	Add and subtract numbers mentally, including: • a three-digit number and ones • a three-digit number and tens Estimate the answer to a calculation and use inverse operations to check answers	Secure two-digit numbers mentally
7	Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental methods Solve problems, including missing number problems, involving multiplication and division	Secure 2x, 5x, 10x
7	Measurement	Measure, compare, add and subtract: lengths (m/cm/mm); Measure the perimeter of simple 2-D shapes Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks Know the number of seconds in a minute and the number of days in each month, year and leap year	
5	Fractions, Decimals and Percentages	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Compare and order unit fractions, and fractions with the same denominators	

YEAR 3 – Term 2

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)			
Recall 2x, 5x and 10x tables and division facts Recall addition and subtraction facts to 15 Recall multiples of ten addition and subtraction facts		Partition numbers in a variety of ways Add or subtract single digit from 2 or 3 digit number by bridging using number facts Practise 4 x table and division facts	
Days	Topic	Objectives: children will be taught to	
7	Number and Place Value	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) Compare and order numbers up to 1000 Identify, represent and estimate numbers using different representations Read and write numbers up to 1000 in numerals and in words Solve number problems and practical problems involving these ideas.	
5	Addition and Subtraction	Add and subtract numbers mentally, including: • a three-digit number and ones • a three-digit number and tens • a three-digit number and hundreds Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	
	Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Focus on 4x table
8	Measurement	Measure, compare, add and subtract mass (kg/g) Add and subtract amounts of money to give change, using both £ and p in practical contexts	
5	Geometry Properties of Shape	Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	
5	Statistics	Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.	Link to Addition and Subtraction

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YEAR 3 – Term 3

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)	
Recall 2x, 4x, 5x and 10x tables and division facts	Find 10 or 100 more or less than a given number
Recall addition and subtraction facts to 20	Add and subtract using near multiples
Recall multiples of a hundred addition and subtraction facts	Find totals and calculate change

Days	Topic	Objectives: children will be taught to	
5	Number and Place Value	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	
		Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	
		Compare and order numbers up to 1000	
	Fractions, Decimals and Percentages	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10	
5	Addition and Subtraction	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	
		Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	
5	Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Secure 8x table
		Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	
		Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.	
5	Fractions, Decimals and Percentages	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	
		Recognise and show, using diagrams, equivalent fractions with small denominators	
		Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]	
		Solve problems that involve the above.	
7	Measurement	Measure, compare, add and subtract volume/capacity (l/ml)	
		Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	
		Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight	
		Compare durations of events [for example to calculate the time taken by particular events or tasks].	

Liz Hopkins

| 3 | Geometry
Properties of Shape | Recognise angles as a property of shape or a description of a turn

Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle | |

YEAR 3 – Term 4

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)	
Recall 2x, 4x, 5x, 8x and 10x tables and division facts	Find fractions of numbers
Recall addition and subtraction facts to 20	Add and subtract using near multiples
Recall multiples of ten and a hundred addition and subtraction facts	Order numbers

Days	Topic	Objectives: children will be taught to	
7	Number and Place Value	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) Compare and order numbers up to 1000 Identify, represent and estimate numbers using different representations Read and write numbers up to 1000 in numerals and in words Solve number problems and practical problems involving these ideas.	
5	Addition and Subtraction	Add and subtract numbers mentally, including: • a three-digit number and ones • a three-digit number and tens • a three-digit number and hundreds Estimate the answer to a calculation and use inverse operations to check answers Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	
7	Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental methods Solve problems, including missing number problems, involving multiplication and division	Secure 3x table
4	Measurement	Measure, compare, add and subtract: lengths (m/cm/mm); Measure the perimeter of simple 2-D shapes	
4	Geometry Properties of Shape	Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	
3	Statistics	Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.	Link to Addition and Subtraction

YEAR 3 – Term 5

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)	
Recall 2x, 3x, 4x, 5x, 8x and 10x tables and division facts	Find 10 or 100 more or less than a given number
Recall addition and subtraction facts to 20	Add and subtract using bridging through multiples of ten and a hundred
Partition numbers in a variety of ways	Halve and double 2 digit numbers

Days	Topic	Objectives: children will be taught to	
5	Number and Place Value	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	
		Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	
		Compare and order numbers up to 1000	
	Fractions, Decimals and Percentages	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10	
5	Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Secure 4x, 8x table
		Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	
		Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.	
8	Measurement	Measure, compare, add and subtract mass (kg/g	
		Add and subtract amounts of money to give change, using both £ and p in practical contexts	
7	Fractions, Decimals and Percentages	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	
		Recognise and show, using diagrams, equivalent fractions with small denominators	
		Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]	
		Solve problems that involve all of the above.	
		Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	
		Compare and order unit fractions, and fractions with the same denominators	
5	Geometry Properties of Shape	Recognise angles as a property of shape or a description of a turn	
		Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle	

YEAR 3 – Term 6

		EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)	
		Recall 2x, 3x, 4x, 5x, 8x, 10x multiplication and division facts	Find totals and calculate change
		Recall addition and subtraction facts up to 20 and multiples of 10 and 100	Count up and back in 1s, 10s, 100s Use AfL for other mental skills
Days	Topic	Objectives: children will be taught to	
7	Number and Place Value	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	
		Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	
		Compare and order numbers up to 1000	
		Identify, represent and estimate numbers using different representations	
		Read and write numbers up to 1000 in numerals and in words	
		Solve number problems and practical problems involving these ideas.	
8	Addition and Subtraction	Add and subtract numbers mentally, including: • a three-digit number and ones • a three-digit number and tens • a three-digit number and hundreds	
		Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	
		Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	
		Estimate the answer to a calculation and use inverse operations to check answers	
		Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	
8	Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Revisit 2x, 3x, 4x, 5x, 8x and 10x tables
		Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	Secure written methods
		Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.	

Liz Hopkins

| 7 | Measurement | Measure, compare, add and subtract volume/capacity (l/ml)

Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks

Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight

Compare durations of events [for example to calculate the time taken by particular events or tasks].

Know the number of seconds in a minute and the number of days in each month, year and leap year | |