



YEAR 4 – Term 1

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)			
Count on in 10s and 100s from any 2 digit number Recall 4 and 8 times tables Rapid recall of addition and subtraction facts to 20		Add and subtract 10s and 100s Recall pairs of 100 Count in 1/2s and 1/4s	
Days	Topic	Objectives: children will be taught to	
10	Number and Place Value Fractions, Decimals and Percentages	Objectives: children will be taught to Count in multiples of 6, 7, 9, 25 and 1000 Find 1000 more or less than a given number Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) Order and compare numbers beyond 1000 Solve number and practical problems that involve all of the above and with increasingly large positive numbers Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.	
8	Addition and Subtraction Fractions, Decimals and Percentages	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. Solve simple measure and money problems involving decimals to two decimal places.	
10	Multiplication and Division	Recall multiplication and division facts for multiplication tables up to 12×12 Multiply two-digit and three-digit numbers by a one-digit number using formal written layout Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit Divide 2 and 3 digit numbers by 1 digit numbers	Learn 6x table
2	Measurement	Find the area of rectilinear shapes by counting squares Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	Link to multiplication



YEAR 4 – Term 3

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)			
Hours, minutes, seconds, days, weeks, months, relationship Recall 4x, 6x and 12x multiplication and division facts Order numbers beyond 1000		Count on to find the difference Recall decimal pairs that make 1	
Days	Topic	Objectives: children will be taught to	
5	Number and Place Value	Count in multiples of 6, 7, 9, 25 and 1000 Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) Order and compare numbers beyond 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.	
	Fractions, Decimals and Percentages	Compare numbers with the same number of decimal places up to two decimal places	
5	Fractions, Decimals and Percentages	Recognise and show, using diagrams, families of common equivalent fractions Add and subtract fractions with the same denominator Recognise and write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$	
5	Measurement Addition and Subtraction Multiplication and Division Fractions, Decimals and Percentages	Estimate, compare and calculate different measures, including money in pounds and pence Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. Solve simple measure and money problems involving fractions and decimals to two decimal places.	
5	Geometry Properties of Shape	Identify acute and obtuse angles and compare and order angles up to two right angles by size Complete a simple symmetric figure with respect to a specific line of symmetry.	
5	Multiplication and Division	Recall multiplication and division facts for multiplication tables up to 12 x 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 Recognise and use factor pairs and commutativity in mental calculations	Learn 9x table
5	Statistics	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	



YEAR 4 – Term 4

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)			
Multiply and divide by 10 or 100 Recall 9 and 8 times tables		Order numbers with 2 decimal places Use near doubles to add and subtract Use near multiples of 10 and 100 to add and subtract	
Days	Topic	Objectives: children will be taught to	
3	Number and Place Value Fractions, Decimals and Percentages	Objectives: children will be taught to Count in multiples of 6, 7, 9, 25 and 1000 Find 1000 more or less than a given number Count backwards through zero to include negative numbers Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.	
7	Addition and Subtraction	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	
10	Multiplication and Division Fractions, Decimals and Percentages	Recall multiplication and division facts for multiplication tables up to 12 x 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 Multiply two-digit and three-digit numbers by a one-digit number using formal written layout Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. Solve simple measure and money problems involving decimals to two decimal places.	Learn 7x table
4	Measurement	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres Find the area of rectilinear shapes by counting squares	
6	Geometry - Properties of Shape Position and Direction	Complete a simple symmetric figure with respect to a specific line of symmetry. Describe positions on a 2-D grid as coordinates in the first quadrant Describe movements between positions as translations of a given unit to the left/right and up/down	



YEAR 4 – Term 5

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)			
Doubling and halving decimals Partition numbers to multiply mentally		Recall 7 and 6 times tables Use rounding to nearest whole number to add and subtract decimals Convert metric measures	
Days	Topic	Objectives: children will be taught to	
10	Number and Place Value Fractions, Decimals and Percentages	<p>Count in multiples of 6, 7, 9, 25 and 1000</p> <p>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)</p> <p>Order and compare numbers beyond 1000</p> <p>Identify, represent and estimate numbers using different representations round any number to the nearest 10, 100 or 1000</p> <p>Solve number and practical problems that involve all of the above and with increasingly large positive numbers</p> <p>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</p> <p>Round decimals with one decimal place to the nearest whole number</p> <p>Compare numbers with the same number of decimal places up to two decimal places</p>	
4	Measurement	<p>Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</p> <p>Read, write and convert time between analogue and digital 12- and 24-hour clocks</p>	
5	Multiplication and Division	<p>Recall multiplication and division facts for multiplication tables up to 12 x 12</p> <p>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</p> <p>Recognise and use factor pairs and commutativity in mental calculations</p>	Learn 11x table
5	Measurement	<p>Convert between different units of measure [for example, kilometre to metre; hour to minute]</p> <p>Estimate, compare and calculate different measures, including money in pounds and pence</p>	Mental Strategies
6	Geometry Properties of Shape	<p>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</p> <p>Identify acute and obtuse angles and compare and order angles up to two right angles by size</p> <p>Identify lines of symmetry in 2-D shapes presented in different orientations</p>	



YEAR 4 – Term 6

EVERY DAY: Practise and develop oral and mental skills (e.g. counting, mental strategies, rapid recall of + and - facts)			
Count through 0 to include negative numbers Order fractions Equivalent fractions		Recall tables up to 12x12 Multiply and divide by 10 or 100	
Days	Topic	Objectives: children will be taught to	
8	Number and Place Value Fractions, Decimals and Percentages	Count in multiples of 6, 7, 9, 25 and 1000 Count backwards through zero to include negative numbers Solve number and practical problems that involve all of the above and with increasingly large positive numbers 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. 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 Compare numbers with the same number of decimal places up to two decimal places	
7	Fractions, Decimals and Percentages	Recognise and show, using diagrams, families of common equivalent fractions Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Add and subtract fractions with the same denominator Recognise and write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ Solve simple measure and money problems involving fractions	
5	Addition and Subtraction Multiplication and Division Fractions, Decimals and Percentages	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. Solve simple measure and money problems involving fractions and decimals to two decimal places.	Mixed word problems
5	Geometry Position and Direction	Describe positions on a 2-D grid as coordinates in the first quadrant Plot specified points and draw sides to complete a given polygon.	
5	Statistics	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	

