

YEAR 5	Strands	Progression focus	Weekly Summary
AUTUMN 1 1	NPV Number and place value;	Weeks 1 and 2 focus on establishing a robust understanding of place value with numbers up to 1 million	Read, write, compare and order 5-digit numbers, understanding the place value and using < and > signs;
2			Read, write, compare and order 6-digit numbers, understanding the place value and using < and > signs;
3	NPV Number and place value;	add and subtract multiples of 10, 100 and 1000 to and from 5-digit numbers;	Place numbers to 100 000 and decimals up to two places on a line, round numbers to the nearest 10, 100 and 1000 and decimals up to two places to the nearest whole number; compare and order numbers with up to two decimal places
4	DPE Decimals, percentages and their equivalence to fractions; PRA Problem solving, reasoning and algebra; MMD Mental multiplication and division MEA Measurement;	Decimals; multiplication and division Week 4 focuses on multiplying and dividing to get decimal numbers, and then on mental strategies in multiplication and division. SI units of measure	Understand place value in decimal numbers; multiply and divide numbers with up to two decimal places by 10 and 100; multiply and divide by 0 and 100; convert from grams to kilograms and vice versa, from millilitres to litres and vice versa, and from metres to kilometres and vice versa
	MAS Mental addition and subtraction; NPV Number and place value	Addition and subtraction Weeks focus on establishing a robust understanding of place value and using this in the development of	Add and subtract 2- 3- and 4-digit numbers mentally; choose a strategy for solving mental additions or subtractions; solve word problems

		addition and subtraction calculation strategies.	
5	WAS Written addition and subtraction; MAS Mental addition and subtraction	Subtraction focuses on using formal written subtraction and counting up as appropriate, including when finding change.	Solve subtraction using a written method for 3-digit – 3-digit numbers and for 4-digit numbers; use counting up as a strategy to perform mental subtraction; find change from a multiple of ten pounds using counting up
6	WAS Written addition and subtraction; PRA Problem solving, reasoning and algebra	Addition and subtraction. Development of addition and subtraction calculation strategies.	use written addition to add two 4-digit numbers; work systematically to spot patterns.
7	MMD Mental multiplication and division; FRP Fractions, ratio and proportion	Multiplication and division; fractions Focus on multiplication and division, and extend children’s understanding of fractions.	Recognise which numbers are divisible by 2, 3, 4, 5, 6, 9 and 25 and identify multiples; find factors; recording results systematically and finding all factors of a given number; compare and place fractions on a line; find equivalent fractions and reduce them to their simplest form
Assessment Week			
AUTUMN 2			
1	PRA Problem solving, reasoning and algebra; MEA Measurement	Area and perimeter; volume focuses on calculating areas, perimeters and volumes, and understanding the difference between measurement in one, two and three dimensions.	Find the area and perimeter of squares and rectangles by calculation and pursue a line of enquiry; estimate and find the area of irregular shapes; calculate the perimeter and area of composite shapes; use the relations of area and perimeter to find unknown lengths; begin to understand the concept of

			volume; find the volume of a cube or cuboid by counting cubes; understand volume as measurement in three dimensions; relate volume to capacity; recognise and estimate volumes
2	MMD Mental multiplication and division; NPV Number and place value; PRA Problem solving, reasoning and algebra	Multiplication and division focuses on the rehearsal and development of mental calculation strategies for multiplication and division, and on identifying	Use rules of divisibility to find if numbers are divisible by 2, 3, 4, 5, 9 and 10; of numbers; find squares and square roots of square numbers; finding patterns and making and testing rules; use mental multiplication and division strategies; relate mental division strategies
3	MMD Mental multiplication and division; PRA Problem solving and reasoning NPV Number and place value	Multiplication and division and fractions focus on factors and multiples	Identify factors and multiples, find factor pairs; identify prime numbers; revise finding factors; Read Roman Numerals up to 1000 and write dates using Roman numerals
4	WMD Written multiplication and division	Multiplication and division and fractions focus on factors and multiples; on securing the concept of equivalent fractions to enable calculations with fractions; and on further developing written methods of multiplication and division.	Revise short multiplication multiplying 3 and 4 digits by a single digit use long multiplication to multiply 3-digit and 4-digit numbers by teens numbers
5	MMD Mental multiplication and division; WMD Written multiplication and division; PRA Problem solving, reasoning and algebra	Multiplication and division; fractions focus on division, and extend children's understanding of fractions.	divide 3-digit numbers by 1-digit numbers using a written method and express remainders as a fraction and solve division word problems

Two Assessment Weeks