

YEAR 3	Strands	Progression focus	Weekly Summary
Spring 1 Week 1	FRP Fractions, ratio and proportion; PRA Problem solving, reasoning and algebra	Fractions Week 1 focuses on fractions as numbers, finding equivalent fractions, placing fractions on a line, and on fractions as operators, finding fractions of amounts. extending to adding and subtracting fractions.	Identify $\frac{1}{2}$ s, $\frac{1}{3}$ s, $\frac{1}{4}$ s, $\frac{1}{6}$ s, and $\frac{1}{8}$ s; realise how many of each make a whole; find equivalent fractions; place fractions on a 0 to 1 line; find fractions of amounts compare and order fractions with the same denominator; begin to recognise equivalences of $\frac{1}{2}$; add and subtract fractions with the same denominator
Spring 1 Week 2	FRP Fractions, ratio and proportion; PRA Problem solving, reasoning and algebra	Fractions Week 2 focuses on fractions as numbers, finding equivalent fractions, placing fractions on a line, and on fractions as operators, finding fractions of amounts. extending to adding and subtracting fractions.	Identify $\frac{1}{2}$ s, $\frac{1}{3}$ s, $\frac{1}{4}$ s, $\frac{1}{6}$ s, and $\frac{1}{8}$ s; realise how many of each make a whole; find equivalent fractions; place fractions on a 0 to 1 line; find fractions of amounts compare and order fractions with the same denominator; begin to recognise equivalences of $\frac{1}{2}$; add and subtract fractions with the same denominator
Spring 1 Week 3	WMD Written multiplication and division; PRA Problem solving, reasoning and algebra; MMD Mental multiplication and division; FRP Fractions, ratio and proportion; DPE Decimals, percentages and their equivalence to fractions	Multiplication and division; fractions Week 3 focuses on consolidating written multiplication and division strategies, securing understanding of the relation between division and fractions, and moving to finding tenths of amounts	Use the column multiplication method to multiply 2-digit numbers by 3, 4, 5, 6 and 8; estimate products; divide using chunking, with and without remainders; decide whether to use multiplication or division to solve word problems; recognise tenths and equivalent fractions; find one-tenth and several tenths of multiples of 10 and begin to find one-tenth of single-digit numbers
Spring 1 Week 4	MMD Mental multiplication and division; FRP Fractions, ratio and proportion; PRA Problem solving, reasoning and algebra	Multiplication and division; fractions Week 4 focuses on doubling and halving, and understanding a half and other unit fractions.	Doubling and halving numbers up to 100 using partitioning; understanding fractions and fractions of numbers
Spring 1 Week 5	NPV Number and place value; MAS Mental addition and subtraction	Addition and subtraction Weeks 5 focus on the way a secure understanding of place value underpins rounding, mental addition and subtraction, and column methods of addition.	Place 3-digit numbers on empty 100 number lines; begin to place 3-digit numbers on 0-1000 landmarked and empty number lines; round 3-digit numbers to the nearest ten and to the nearest hundred; use counting up as a strategy to perform mental subtraction (Frog);

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Spring 1 Week 6	Assessment		
Spring 1 Week 7	MAS Mental addition and subtraction; MMD Mental multiplication and division; STA Statistics; PRA Problem solving, reasoning and data handling	Addition; times tables Week 7 focuses on using partitioning in addition; and on the 2, 3, 4, 5, 8 and 10 times tables.	Add pairs of 2-digit numbers using partitioning (crossing 10s, 100 or both) and then extend to add two 3-digit numbers (not crossing 1000); recognise and sort multiples of 2, 3, 4, 5, and 10; double the 4 times-table to find the 8 times-table; derive division facts for the 8 times-table; multiply and divide by 4 by doubling or halving twice
Spring 2 Week 1	MEA Measurement; PRA Problem solving, reasoning and data handling; MAS Mental addition and subtraction	Place value in addition and subtraction Week 1 focuses on understanding place value, including in money, and on using partitioning in adding and subtracting.	Use money to add and subtract and record using the correct notation and place value; add and subtract 2-digit numbers using partitioning; add three 2-digit numbers by partitioning and recombining, subtract pounds and pence from five pounds; use counting up (Frog) as a strategy to perform mental subtraction of amounts of money; subtract pounds and pence from ten pounds
Spring 2 Week 2	NPV Number and place value; PRA Problem solving, reasoning and data handling; WAS Written addition and subtraction	Addition and subtraction Week 2 focus on the way a secure understanding of place value underpins rounding, mental addition and subtraction, and column methods of addition.	Add two 2-digit numbers mentally; add 2-digit to 3-digit numbers mentally using place value and rounding; add two 3-digit numbers using expanded written method (answers under 1000); begin to move tens and hundreds moving towards formal written addition; add two 3-digit numbers using expanded column addition; investigate patterns in numbers when adding them; choose to solve addition using a mental method or expanded column addition (written method)

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Spring 2 Week 3	MEA Measurement; GPS Geometry: properties of shapes	Length; capacity Week 3 focuses on the SI units and measurement of length and capacity	Choose an appropriate instrument to measure a length and use a ruler to estimate, measure and draw to the nearest centimetre; know 1 litre = 1000 ml; estimate and measure capacity in millilitres
Spring 2 Week 4	STA Statistics; PRA Problem solving, reasoning and algebra; MEA Measurement	Statistics and data; weight Week 4 focuses on drawing and interpreting pictograms and bar graphs with different scales, and on using these to record and analyse data in the context of measuring weights	Draw and interpret bar charts and pictograms where one square/symbol represents two units; compare and measure weights in multiples of 100g; know how many grams are in a kilogram; estimate and weigh objects to the nearest 100g; draw and interpret bar charts where one square represents one hundred units
Spring 2 Week 5	Assessment		
Spring 2 Week 6	MMD Mental multiplication and division; WMD Written multiplication and division; PRA Problem solving, reasoning and algebra	Multiplication and division Week 6 focuses on developing multiplication strategies using doubling and halving and the column multiplication method; division is related to multiplication and this relationship is used to solve missing number problems.	Double and halve numbers up to 100 by partitioning; solve word problems involving doubling and halving; multiply numbers between 10 and 25 by 1-digit numbers using the long multiplication method; divide multiples of 10 by 1-digit numbers using known tables facts; see the relation between multiplication and division