| Wk | Progression Focus | Weekly Summary | Strands | Objectives |
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| 6 | **Fractions and decimals; addition**<br>Weeks 6 and 7 focus on fractions and decimals, and end by using place value in formal addition. | Double 3-digit numbers and halve even 3-digit numbers; revise unit fractions; identify equivalent fractions; reduce a fraction to its simplest form; count in fractions (each fraction in its simplest form) | **MMD** Mental multiplication and division; **PRA** Problem solving, reasoning and algebra; **FRP** Fractions, ratio and proportion | • **MMD.49** Double and halve 3-digit numbers by partitioning<br>• **PRA.52** Describe, predict and explain patterns<br>• **FRP.35** Compare fractions using number lines and fraction strips<br>• **FRP.41** Understand unit and non-unit fractions with denominators ≤ 12<br>• **FRP.45** Compare unit fractions using the denominator<br>• **FRP.34** Begin to understand equivalence by placing fractions on a number line<br>• **FRP.46** Develop an understanding of equivalence in fractions; 1/2s, 1/3s, 1/4s, 1/5s, 1/6s, 1/8s, 1/10s<br>• **FRP.52** Identify the equivalent fraction for any given fraction<br>• **FRP.54** Use equivalence to reduce fractions to their simplest form<br>• **FRP.28** Count in 1/4s beyond 1 to 10, saying equivalent fractions<br>• **FRP.48** Count in fractions, including equivalents |
| 7 | **Fractions and decimals; addition**<br>Weeks 6 and 7 focus on fractions and | Look at place value in decimals and the relationship between tenths and decimals; add two | **DPE** Decimals, percentages and their equivalence to fractions; **NPV** Number | • **DPE.48** Match 1-place decimals to 1/10s |

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| | decimals, and end by using place value in formal addition. | 4-digit numbers; practise written and mental addition methods; use vertical addition to investigate patterns | and place value; **WAS** Written addition and subtraction; **MAS** Mental addition and subtraction | • **DPE.50** Locate and write 1-place decimals on a number line and match to 1/10s<br>• **DPE.53** Divide integers by 10, 100 and 1000 to get 1-place decimal answers<br>• **NPV.47** Divide 2-digit numbers by 10 to get 1-place decimal answers<br>• **WAS.52** Use column addition to add two 4-digit numbers with a total ≤ 10000<br>• **WAS.54** Use column addition to add two 4-digit numbers with answers > 10000<br>• **MAS.56** Use mental strategies to add 2-digit, 3-digit and 4-digit numbers |
| 8 | **Measures; data**<br>Week 8 focuses on using SI units in measuring, reading scales and collecting, interpreting and recording data. | Convert multiples of 100 g into kilograms; convert multiples of 100 ml into litres; read scales to the nearest 100 ml; estimate capacities; draw bar charts, record and interpret information | **DPE** Decimals, percentages and their equivalence to fractions; **MEA** Measurement; **STA** Statistics; **PRA** Problem solving, reasoning and algebra | • **DPE.48** Match 1-place decimals to 1/10s<br>• **MEA.37** Read relevant scales to the nearest numbered unit<br>• **MEA.43** Measure, compare, add and subtract weights (masses) using kg/g<br>• **MEA.58** Begin to convert between different units of measure<br>• **MEA.44** Measure, compare, add and subtract capacities or volumes using l/ml<br>• **STA.52** Draw and interpret bar charts where 1 division represents 100 units<br>• **STA.49** Interpret and present data in bar charts where 1 division |

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| | | | | represents 2 units<br>• **STA.55** Draw and interpret bar charts where 1 division represents 5 or 10 units<br>• **STA.57** Interpret and present discrete data using bar charts, using an appropriate scale<br>• **PRA.53** Use, explain and justify mathematical reasoning<br>• **PRA.58** Solve simple measure and money problems involving fractions and decimals up to 2 decimal places |
| 9 | **Subtraction**<br>Week 9 focuses on using place value to underpin an understanding of different methods in subtraction and to choose between these. | Round 4-digit numbers to the nearest: 10, 100 and 1000; subtract 3-digit numbers using the expanded written version and the counting up mental strategy and decide which to use | **NPV** Number and place value; **WAS** Written addition and subtraction; **MAS** Mental addition and subtraction | • **NPV.49** Round 4-digit numbers up or down to the nearest 10, 100 or 1000<br>• **WAS.48** Use expanded decomposition to subtract 3-digit from 3-digit numbers<br>• **MAS.49** Count up to subtract any 3-digit from 3-digit number |
| 10 | **Multiplication and division**<br>Week 10 focuses on developing a knowledge and understanding of multiplication and division to enable children to tackle harder problems. | Use the grid method to multiply 3-digit by single-digit numbers and introduce the vertical algorithm; begin to estimate products; divide numbers (up to 2 digits) by single-digit numbers with no remainder, then with a remainder | **MMD** Mental multiplication and division; **WMD** Written multiplication and division; **PRA** Problem solving, reasoning and algebra | • **MMD.48** Multiply mentally multiples of 100 by 1-digit numbers<br>• **WMD.48** Multiply 3-digit by 1-digit numbers using the grid method<br>• **WMD.49** Multiply 2- and 3-digit by 1-digit numbers using the ladder method<br>• **WMD.45** Divide numbers just beyond the tables by subtracting the multiple of 10<br>• **WMD.46** Divide numbers just beyond the tables, with integer remainders |

- **PRA.52** Describe, predict and explain patterns