

Wk Progression Focus

- 6 **Multiplication and division; fractions**
 Week 6 focuses on doubling and halving, and understanding a half and other unit fractions.

Weekly Summary

Doubling and halving numbers up to 100 using partitioning; understanding fractions and fractions of numbers

Strands

MMD Mental multiplication and division; **FRP** Fractions, ratio and proportion; **PRA** Problem solving, reasoning and algebra

Objectives

- **MMD.36** Double and halve numbers to 100, including partitioning 2-digit numbers
- **FRP.31** Understand unit and non-unit fractions with denominators of 2, 3, 4, 6 and 8
- **FRP.35** Compare fractions using number lines and fraction strips
- **FRP.25** Use fraction strips to find fractions of amounts
- **FRP.13** Understand that a fraction is an equal part of a whole; $\frac{1}{2}$ s and $\frac{1}{4}$ s of lengths and numbers
- **FRP.23** Understand the concept of a unit fraction; $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{8}$
- **FRP.26** Find unit fractions of small numbers
- **PRA.44** Spot patterns and relationships and make predictions
- **MEA.22** Recognise and know the value of 1p, 2p, 5p, 10p, 20p, 50p and £1 coins
- **MEA.33** Combine amounts to make particular values; match different combinations of coins to make equal amounts of money
- **MEA.38** Recognise and use symbols for pounds and pence. Record amounts using £.p notation
- **MEA.34** Add and subtract money of the same unit; solving money problems in a practical context
- **PRA.40** Solve number and practical problems using place value
- **MAS.36** Know number bonds to 100

- 7 **Place value in addition and subtraction**
 Week 7 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.

MEA Measurement; **PRA** Problem solving, reasoning and algebra; **MAS** Mental addition and subtraction

8	<p>Length; capacity</p> <p>Week 8 focuses on the SI units and measurement of length and capacity.</p>	<p>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</p>	<p>MEA Measurement; GPS Geometry: properties of shapes</p>	<ul style="list-style-type: none"> • MAS.30 Add pairs of 2-digit numbers using partitioning (totals < 100) • MEA.29 Choose and use appropriate standard units to measure lengths and heights in any direction • MEA.37 Read relevant scales to the nearest numbered unit • MEA.44 Measure, compare, add and subtract capacities or volumes using l/ml • GPS.36 Use a ruler to draw a straight line
9	<p>Place value; difference</p> <p>Week 9 focuses on using number lines to compare and round numbers and to find differences.</p>	<p>Place 2- and 3-digit numbers on a number line; round 3-digit numbers to nearest 100; use counting up to do mental subtractions with answers between 10 and 20, 10 and 30, and either side of 100</p>	<p>NPV Number and place value; MAS Mental addition and subtraction; PRA Problem solving, reasoning and algebra</p>	<ul style="list-style-type: none"> • NPV.19 Understand place value in 2-digit numbers by creating 2-digit numbers, placing them on a number line and solving place value additions and subtractions • NPV.33 Understand place value in 3-digit numbers by creating 3-digit numbers, placing them on a number line and solving place value additions and subtractions • NPV.34 Order and compare 3-digit numbers and say a number between • NPV.36 Round 3-digit numbers up or down to the nearest 100 and 10 • MAS.33 Subtract 2-digit from 2-digit numbers by counting up • MAS.37 Subtract by counting up from a 2-digit to a 3-digit number < 200 • PRA.44 Spot patterns and relationships and make predictions
10	<p>Revision</p> <p>Week 10 provides revision of key calculation strategies and their use in word problems.</p>	<p>Revise times-tables learned and derive division facts; perform division with remainders; choose a mental strategy to solve additions and subtractions; solve word problems</p>	<p>MMD Mental multiplication and division; PRA Problem solving, reasoning and algebra; MAS Mental addition and subtraction</p>	<ul style="list-style-type: none"> • MMD.20 Recall multiplication and division facts for the $\times 10$ table • MMD.26 Count in 2s and recall multiplication and division facts for the $\times 2$ table • MMD.27 Count in 5s and recall multiplication and division facts for the $\times 5$ table • MMD.30 Recall multiplication and



division facts for the $\times 3$ table

- **MMD.34** Recall multiplication and division facts for the $\times 4$ table
- **MMD.37** Understand division as the inverse of multiplication
- **MMD.38** Learn to divide with remainders
- **PRA.44** Spot patterns and relationships and make predictions
- **MAS.28** Add/subtract 2-digit numbers to/from 2-digit numbers by counting on/back
- **MAS.30** Add pairs of 2-digit numbers using partitioning (totals < 100)
- **MAS.32** Add and subtract near multiples of 10 to and from 2-digit numbers
- **MAS.33** Subtract 2-digit from 2-digit numbers by counting up