

## Wk Progression Focus

26 **Addition and subtraction; money**  
Week 26 focuses on mental addition and subtraction strategies, using number facts and place value; and on using £.p notation and solving money problems.

## Weekly Summary

Count back in 10s and 1s to solve subtraction (not crossing 10s) and check subtraction using addition, beginning to understand that addition undoes subtraction and vice versa; add three or more small numbers using number facts; record amounts of money using £.p notation including amounts with no 10s or 1s; find more than one way to solve a money problem

## Strands

**MAS** Mental addition and subtraction; **NPV** Number and place value; **MEA** Measurement; **PRA** Problem solving, reasoning and algebra

## Objectives

- **MAS.28** Add/subtract 2-digit numbers to/from 2-digit numbers by counting on/back
- **MAS.58** Understand addition and subtraction as inverses of each other and use this to find relationships
- **MAS.18** Add several 1-digit numbers
- **MAS.21** Find change from 10p and 20p by counting up
- **NPV.26** Begin to write amounts of money as pounds and pence, with no placeholder 0 in the 10s
- **MEA.38** Recognise and use symbols for pounds and pence. Record amounts using £.p notation
- **PRA.35** Solve a money problem in more than one way (five £1, 10p and 1p coins)
- **MMD.29** Count in 3s
- **MMD.30** Recall multiplication and division facts for the x3 table
- **MMD.23** Multiply using arrays and friendly numbers
- **MMD.31** Understand that multiplication is commutative and use it in mental calculations
- **MMD.24** Understand the link between multiplication

27 **Multiplication and division**  
Week 27 focuses on relating multiplication and division to 'clever counting' (steps of 2, 3, 5, 10), understanding multiplication as arrays, and solving divisions as missing number problems.

Count in 3s, recognising numbers in the 3 times-table; write multiplications to go with arrays and use arrays to solve multiplication problems; understand that multiplication is commutative and that division and multiplication are inverse operations; solve divisions as multiplications with a missing number; count in 2s, 3s, 5s and 10s to solve divisions and solve division problems in contexts

**MMD** Mental multiplication and division; **PRA** Problem solving, reasoning and algebra

28 **Length; time**

Week 28 focuses on estimating and measuring lengths in cm; and on telling the time to 5 minutes.

Measure and estimate lengths in centimetres; tell the time involving multiples of 5 minutes past the hour and 5 minutes to the hour; tell time to 5 minutes; begin to say the time 10 minutes later

**MEA** Measurement

29 **Addition and subtraction; multiplication and division**

Week 29 focuses on adding by partitioning; finding differences; and on

Partition to add two 2-digit numbers; find the difference between two 2-digit numbers; multiply two numbers using counting in steps of 2, 3, 5 and 10; solve division problems by counting in steps of 2, 3, 5 and 10

**MAS** Mental addition and subtraction; **MMD** Mental multiplication and division; **PRA** Problem solving,

- and grouping
- **MMD.37** Understand division as the inverse of multiplication
- **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
- **PRA.33** Solve multiplication and division problems using arrays, repeated addition and mental methods
- **PRA.36** Solve missing number multiplications ( $\times 2$ ,  $\times 5$  and  $\times 10$  tables)
- **PRA.37** Solve simple multiplication and division problems in contexts
- **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.40** Tell the time to the nearest five minutes using digital and analogue clocks
- **MEA.41** Begin to say the time ten minutes, or twenty minutes, later or earlier
- **MAS.30** Add pairs of 2-digit numbers using partitioning (totals  $< 100$ )
- **MAS.33** Subtract 2-digit



multiplying and dividing by counting in steps.

reasoning and algebra

from 2-digit numbers by counting up

- **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.35** Understand multiplication as repeated addition and as scaling
- **MMD.24** Understand the link between multiplication and grouping
- **MMD.25** Begin to understand division as 'how many groups of..?'
- **MMD.37** Understand division as the inverse of multiplication
- **PRA.33** Solve multiplication and division problems using arrays, repeated addition and mental methods
- **PRA.38** Begin to identify and use patterns to predict answers, and mathematical reasoning to explain them
- **PRA.37** Solve simple multiplication and division problems in contexts
- **NPV.20** Order and compare 2-digit numbers and say a number between. Use language: equal to, more

30

**Place value**

Week 30 focuses on revising place value in 2-digit numbers, and

Compare two 2-digit numbers and find bonds to 100 using thermometers; revise place value in 2-digit numbers, numbers between 100 and 200, and 3-digit numbers

**NPV** Number and place value; **MAS** Mental addition and subtraction



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extending to place value in 3-digit numbers.

(including zeros in the 10s and 1s places)

than, less/fewer than, most, least

- **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
- **MAS.36** Know number bonds to 100
- **MAS.47** Quickly work out or recall bonds to 100 and to the next 100