Maths
Autumn 1 and 2
Year 4

Unit 1. Place value - 4-digit numbers (1) (9 Lessons)

Number - number and place value

identify, represent and estimate numbers using different representations

count in multiples of 6, 7, 9, 25 and 1000

recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

order and compare numbers beyond 1000

round any number to the nearest 10, 100 or 1000

read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

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Unit 2. Place value - 4-digit numbers (2) (9 Lessons)

Number - number and place value

identify, represent and estimate numbers using different representations

count in multiples of 6, 7, 9, 25 and 1000

find 1000 more or less than a given number

count backwards through zero to include negative numbers

order and compare numbers beyond 1000

round any number to the nearest 10, 100 or 1000

solve number and practical problems that involve all of the above and with increasingly large positive numbers

interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero

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Unit 3. Addition and subtraction (15 Lessons)

Number - number and place value

round any number to the nearest 10, 100 or 1000

solve number and practical problems that involve all of the above and with increasingly large positive numbers

Number - addition and subtraction

add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

estimate and use inverse operations to check answers to a calculation

solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

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Unit 4. Measure - perimeter (5 Lessons)

Measurement

convert between different units of measure [for example, kilometre to metre; hour to minute]

measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

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Unit 5. Multiplication and division (1) (11 Lessons)

Number - multiplication and division

recall multiplication and division facts for multiplication tables up to 12×12

use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

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Measurement

solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days