

# Maths

## Autumn 1 and 2

### Year 2

#### **Unit 1. Numbers to 100** (10 Lessons)

##### **Number** - number and place value

count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens

count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward

recognise the place value of each digit in a two-digit number (tens, ones)

identify, represent and estimate numbers using different representations, including the number line

compare and order numbers from 0 up to 100; use  $<$ ,  $>$  and  $=$  signs

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#### **Unit 2. Addition and subtraction (1)** (12 Lessons)

##### **Number** - number and place value

count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward

##### **Number** - addition and subtraction

solve problems with addition and subtraction:

recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100

add and subtract numbers using concrete objects, pictorial representations, and mentally, including:

show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot

recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems

using concrete objects and pictorial representations, including those involving numbers, quantities and measures

applying their increasing knowledge of mental and written methods

a two-digit number and ones, a two-digit number and tens

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#### **Unit 3. Addition and subtraction (2)** (9 Lessons)

##### **Number** - addition and subtraction

solve problems with addition and subtraction:

add and subtract numbers using concrete objects, pictorial representations, and mentally, including:

using concrete objects and pictorial representations, including those involving numbers, quantities and measures

applying their increasing knowledge of mental and written methods

two two-digit numbers

adding three one-digit numbers

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#### **Unit 4. Money** (9 Lessons)

##### **Measurement**

recognise and know the value of different denominations of coins and notes

recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value

find different combinations of coins that equal the same amounts of money

solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change

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#### **Unit 5. Multiplication and division (1)** (9 Lessons)

##### **Number** - multiplication and division

solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher

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recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers

calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $\times$ ), division ( $\div$ ) and equals (=) signs

solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts