

Year 3 End of Unit Milestones: Autumn

Number and Place Value: Numbers to 1000

By the end of this unit, children will be able to:

- learn to count in hundreds and understand the place value. Pupils will also understand how many hundreds are needed to make 1000.
- compose and decompose numbers consisting of hundreds, tens and ones
- understand the value of each digit in a 3-digit number
- be able to compare and order numbers
- be able to count in fifties
- recognise, describe and continue a number pattern
- be able to recognise, describe and complete more complicated number patterns
- be able to count in fours and eights.

Calculations: Addition and Subtraction

Addition and Subtraction

By the end of this unit, children will be able to:

- understand the commutative law of addition and the corresponding addition and subtraction facts
- add a 3-digit number to a 1-digit number with no regrouping or renaming
- add a 3-digit number to a multiple of 10 (2-digit number) without regrouping or renaming
- add multiples of 100 to a 3-digit number. without regrouping or renaming
- add two 3-digit numbers without regrouping or renaming; introduction of the column method of addition
- add a 3-digit number to a 1-digit number, with renaming
- add with renaming in tens
- add two 3-digit numbers with renaming the ones
- add two 3-digit numbers with renaming the tens
- add with renaming in ones and tens
- do simple subtraction by taking away a 1-digit number from a 2-digit number without renaming
- do simple subtraction by taking away a 1-digit number from a 3-digit number without renaming
- subtract multiples of 10, up to 90, from a 3-digit number
- subtract hundreds from a 3-digit number and to subtract multiples of 1 and 10 from a 3-digit number
- understand simple subtraction of a 3-digit number by another 3-digit number using the column method
- subtract with renaming in tens and ones
- subtract with renaming hundreds
- subtract with regrouping tens and hundreds

- subtract a 3-digit number with zeros
- solve addition and subtraction problems using the bar model.

Calculation: Multiplication and Division

By the end of this unit, children will be able to:

- multiply by 3, 4 and 8.
- use commutative law to multiply
- divide by 3, 4 and 8.
- find relationships between multiplication and division.
- solve word problems with multiplication and division using the bar model.

Calculation: Further Multiplication and Division

By the end of this unit, children will be able to:

- multiply multiples of 10 by a 1-digit number
- multiply any 2-digit number by a 1-digit number
- multiply more 2-digit numbers with regrouping
- understand simple division of a 2-digit number by a 1-digit number
- divide where there is a need to regroup
- use long division to divide.